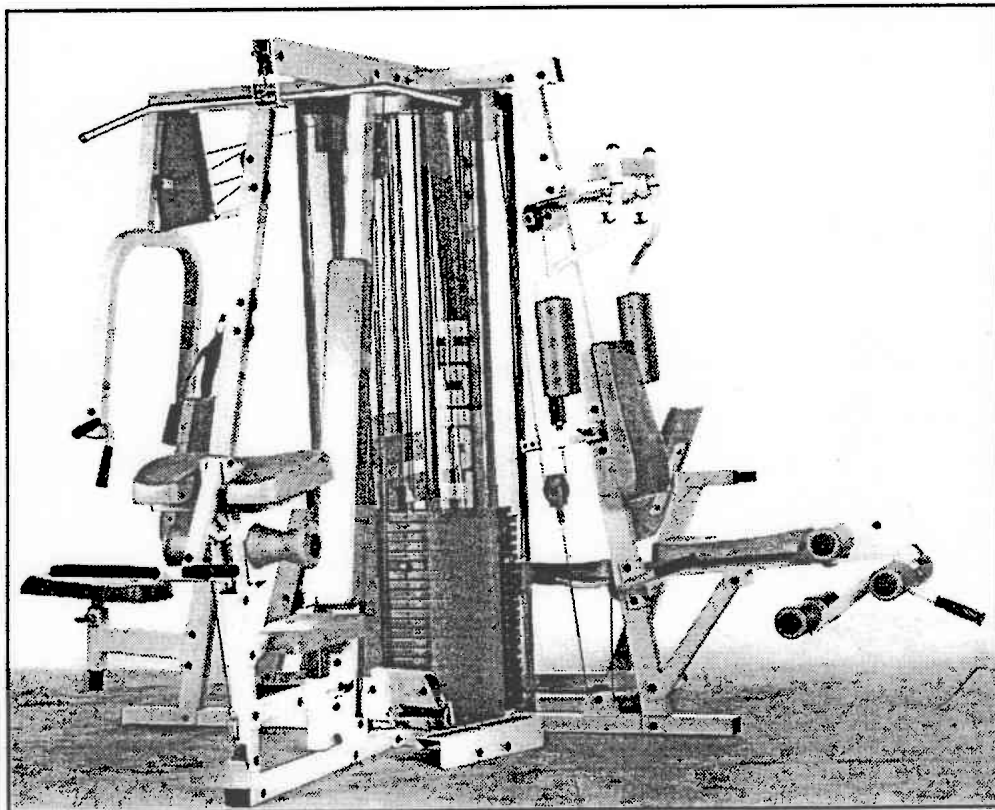


ASSEMBLY

I N S T R U C T I O N S

HOIST[®]
FITNESS SYSTEMS

4600



* Shown with options

Note: Both Serial Number and Model Number are Required when Ordering Parts

RECORD SERIAL NUMBER HERE

Customer Service

(800) 548-5438

California

(800) 541-5438

(619) 578-7676

July '95

21

4600

Assembly Instructions

STEP 1

Before beginning assembly please take the time to read the instructions thoroughly. An Owner's Manual has been included with these assembly instructions. Please use it to make sure that all parts have been included in your shipment. If any parts are missing, please use the part number and description from the catalog when ordering.

Hoist equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions of your Hoist 4600 to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized Hoist dealer. Be sure to have your serial number and catalog when calling. When all parts have been accounted for, continue on to Step 2.

Tools Required

Socket Wrench

9/16", 1/2", and 7/16" Sockets
with Extension

Crescent Wrench

Standard Allen Wrench Set
(5/64" thru 1/4")

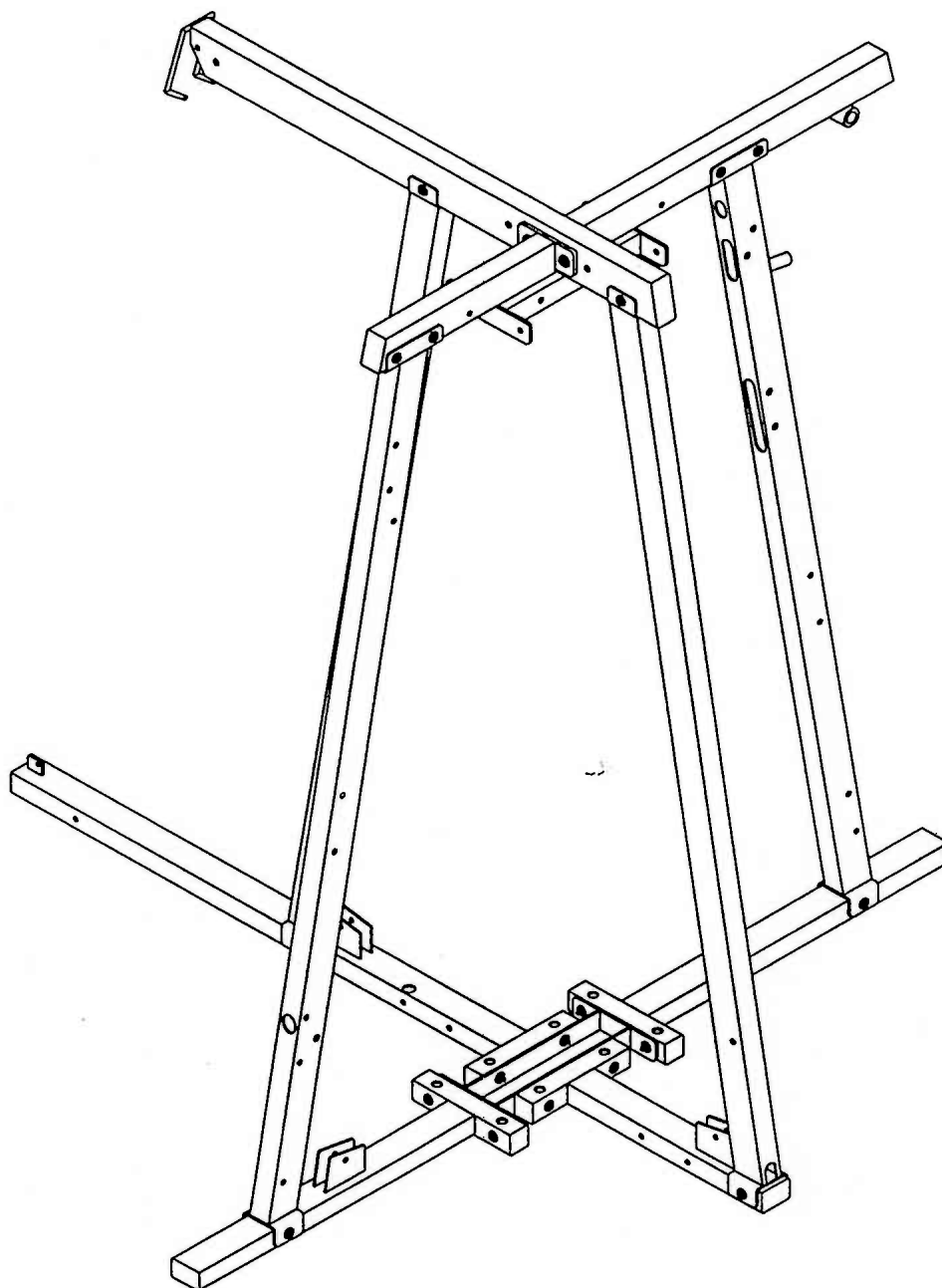
Rubber Mallet

Tape Measure

Note: Washers should be placed on both ends of all bolts (against the head of the bolt and against the nut) unless otherwise specified in these instructions.

Step 2

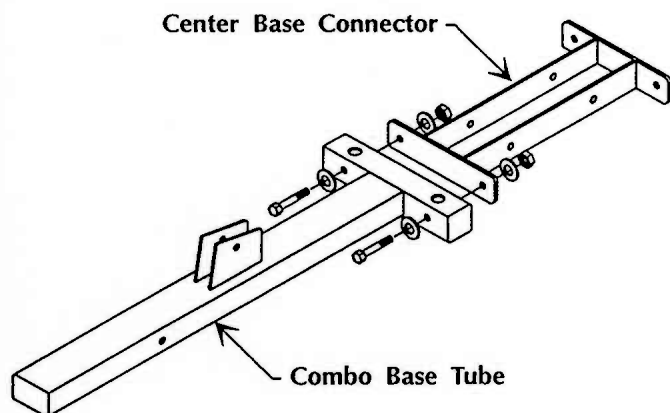
Frame Assembly



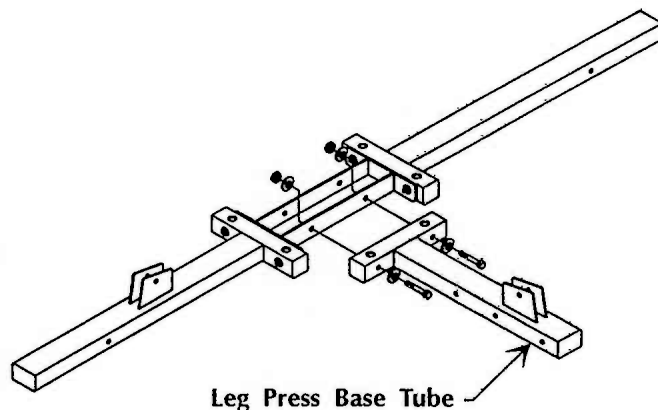
Step 2

Frame Assembly

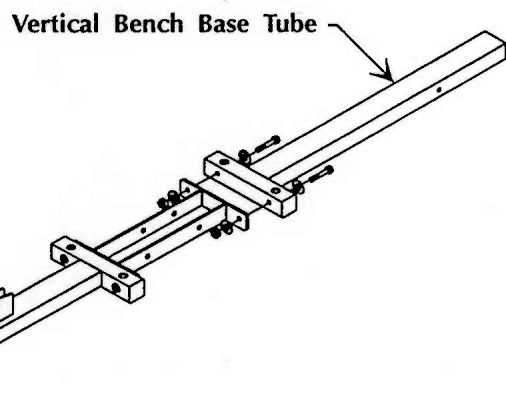
2A If you ordered shields install the brackets onto the Center Base Connector now. Attach the Combo Base Tube to the Center Base Connector using (2) 3/8 x 3 hex bolts. (Hand tighten only)

2A

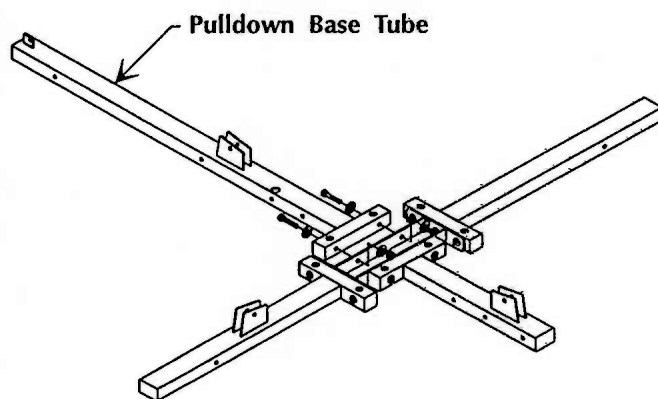
2C Attach the Leg Press Base Tube to the Center Base Connector using (2) 3/8 x 3 hex bolts. (Hand tighten only)

2C

2B Attach the Vertical Bench Base Tube to the Center Base Connector using (2) 3/8 x 3 hex bolts. (Hand tighten only)

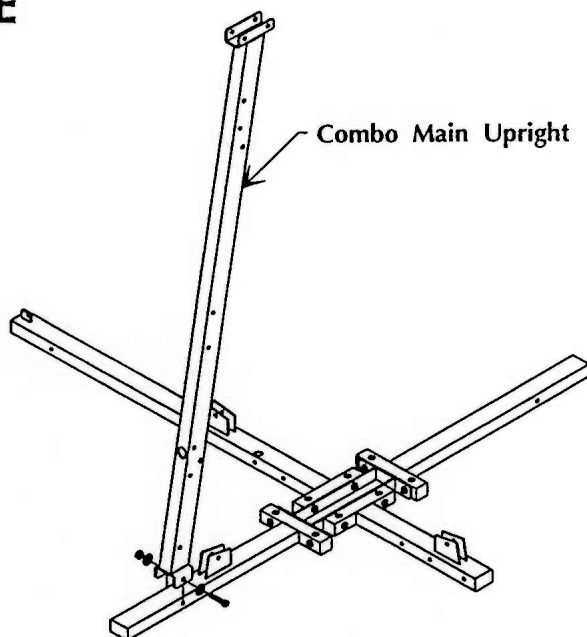
2B

2D Attach the Pulldown Base Tube to the Center Base Connector using (2) 3/8 x 3 hex bolts. (Hand tighten only)

2D

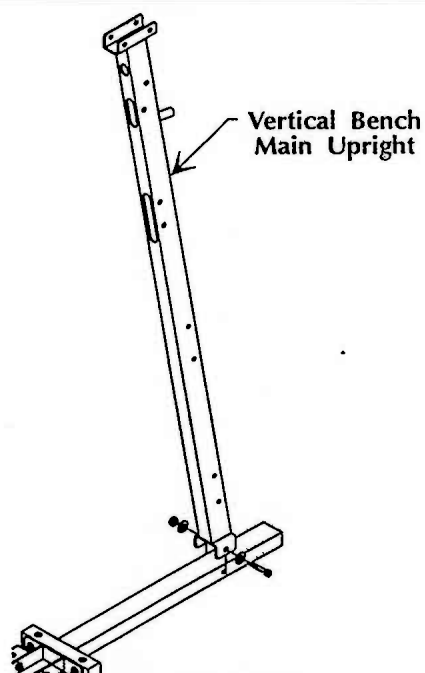
2E Attach the Combo Main Upright to the Combo Base Tube using (1) 3/8 x 4 hex bolt. (Hand tighten only)

2E



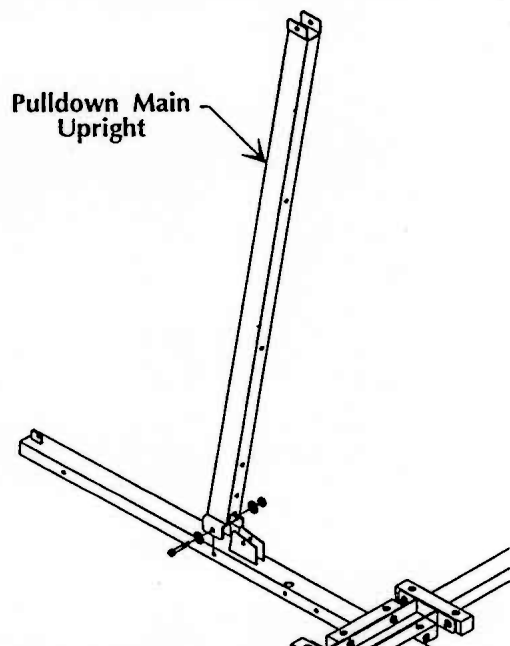
2G Attach the Vertical Bench Main Upright to the Vertical Bench Base Tube using (1) 3/8 x 4 hex bolt. (Hand tighten only)

2G



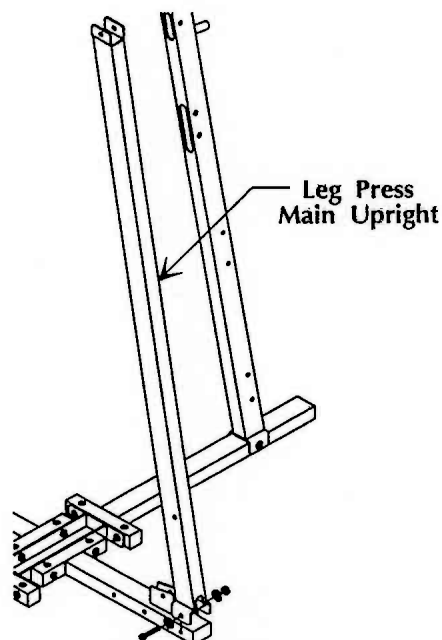
2F Attach the Pulldown Main Upright to the Pulldown Base Tube using (1) 3/8 x 4 hex bolt. (Hand tighten only)

2F



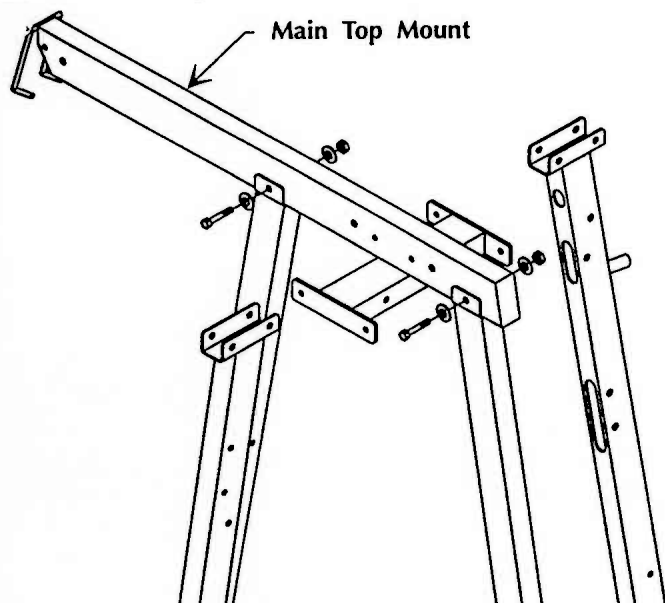
2H Attach the Leg Press Main Upright to the Leg Press Base Tube using (1) 3/8 x 4 hex bolt. (Hand tighten only)

2H



2I

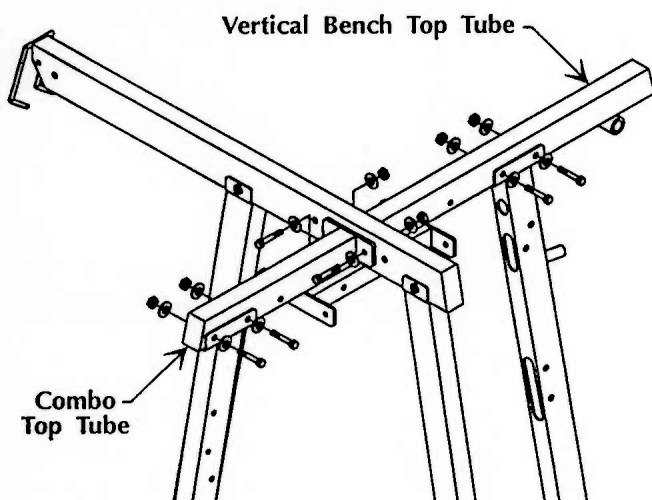
Attach the Main Top Mount to the Pulldown Main Upright and the Leg Press Main Upright using (2) $\frac{3}{8}$ x $2\frac{3}{4}$ hex bolts. (Hand tighten only)

2I**2K**

If you ordered shields install the brackets onto the Main Top Tube now.

2J

Attach the Vertical Bench Top Tube to the Vertical Bench Main Upright using (2) $\frac{3}{8}$ x $2\frac{3}{4}$ hex bolts. (Hand tighten) Attach the Combo Top Tube to the Combo Main Upright using (2) $\frac{3}{8}$ x $2\frac{3}{4}$ hex bolts. (Hand tighten) Attach both Top Tubes to the Main Top Mount using (2) $\frac{3}{8}$ x $3\frac{1}{4}$ hex bolts. (Wrench tighten ALL bolts)

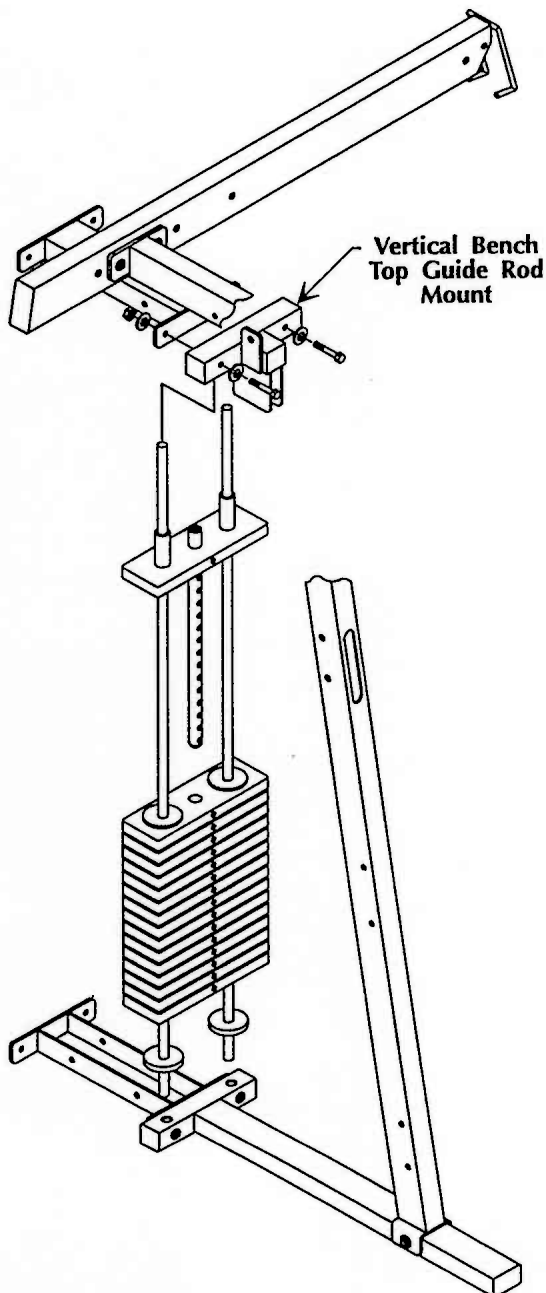
2J

Step 3

Weight Stack Assembly

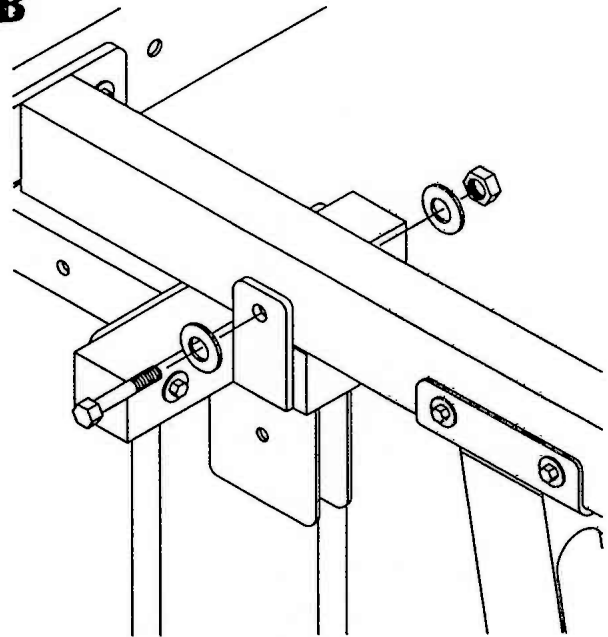
3A Slide Rubber Donuts onto the Guide Rods. Set the Guide Rods into the holes in the Vertical Bench Base Tube with the Rubber Donuts down. Carefully slide (15) Steel Weight Plates for a 200 lb. stack and (20) Steel Weight Plates for a 262 lb. stack onto the Guide Rods making sure that the bushings are facing UP. Slide a Steel Top Weight down onto the Guide Rods. Set the Vertical Bench Top Guide Rod Mount onto the Guide Rods by carefully leaning the Weight Stack sideways. Attach the Vertical Bench Top Guide Rod Mount to the Main Top Mount using (2) 3/8 x 3 hex bolts. (Wrench tighten)

3A



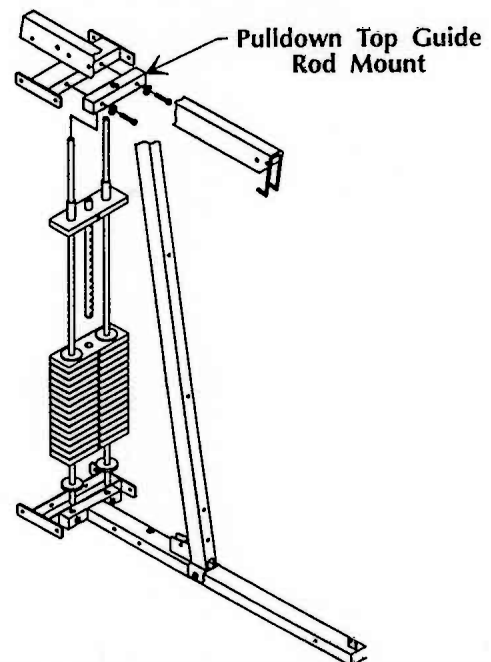
3B Attach the Vertical Bench Top Guide Rod Mount to the Vertical Bench Top Tube using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten)

3B

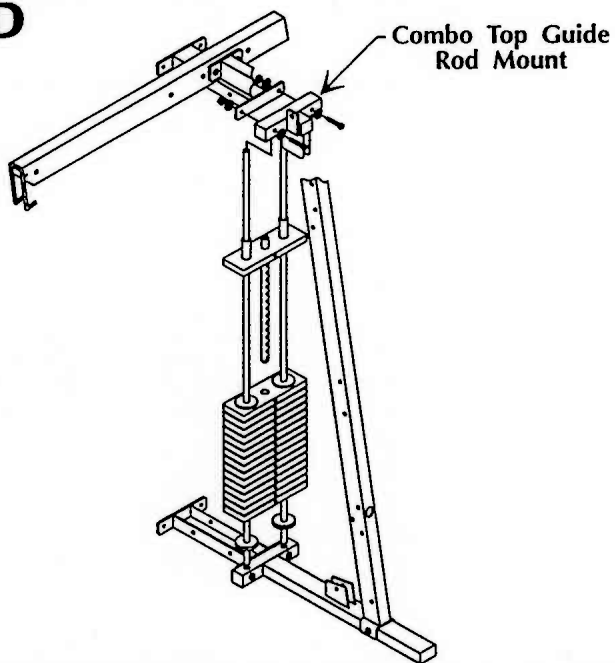


3C Repeat step 3A to install the Weight Stack and the Pulldown Top Guide Rod Mount to the Pulldown side of the 4600.

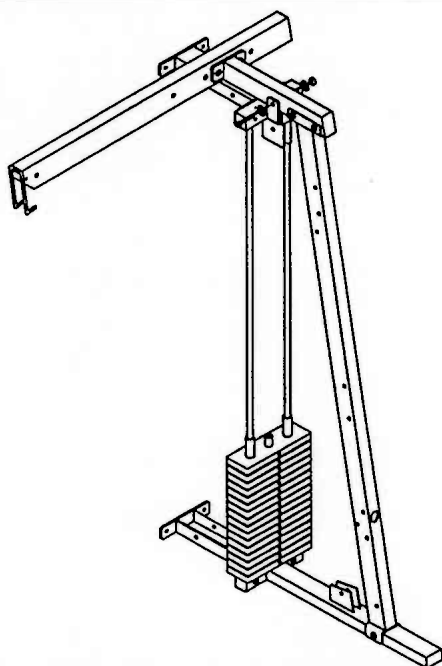
3C



3D Repeat step 3A to install the Weight Stack and the Combo Top Guide Rod Mount to the Combo side of the 4600.

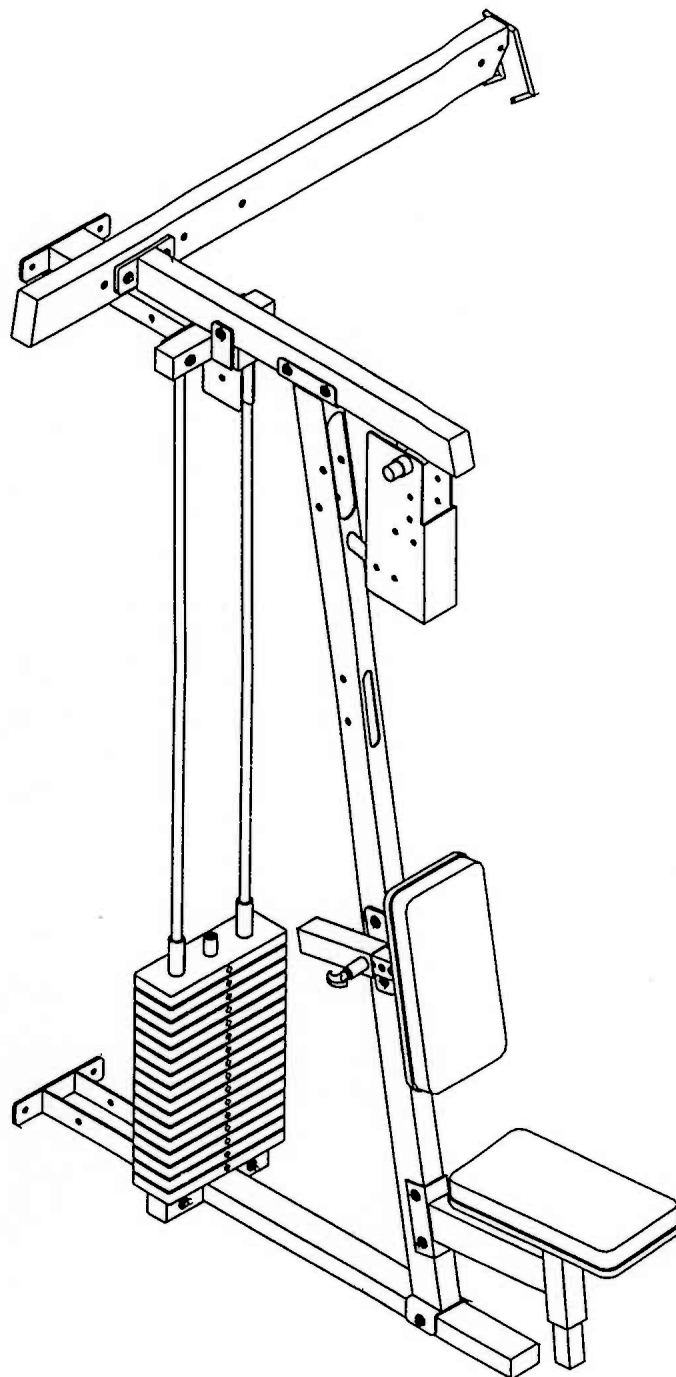
3D

3E Attach the Combo Top Guide Rod Mount to the Combo Top Tube using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten)

3E

Step 4

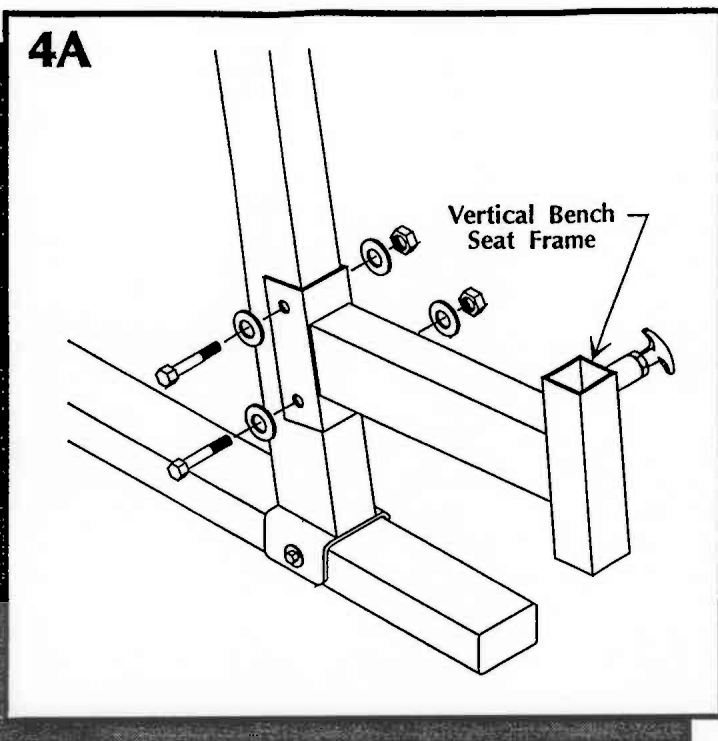
Vertical Bench Frame Assembly



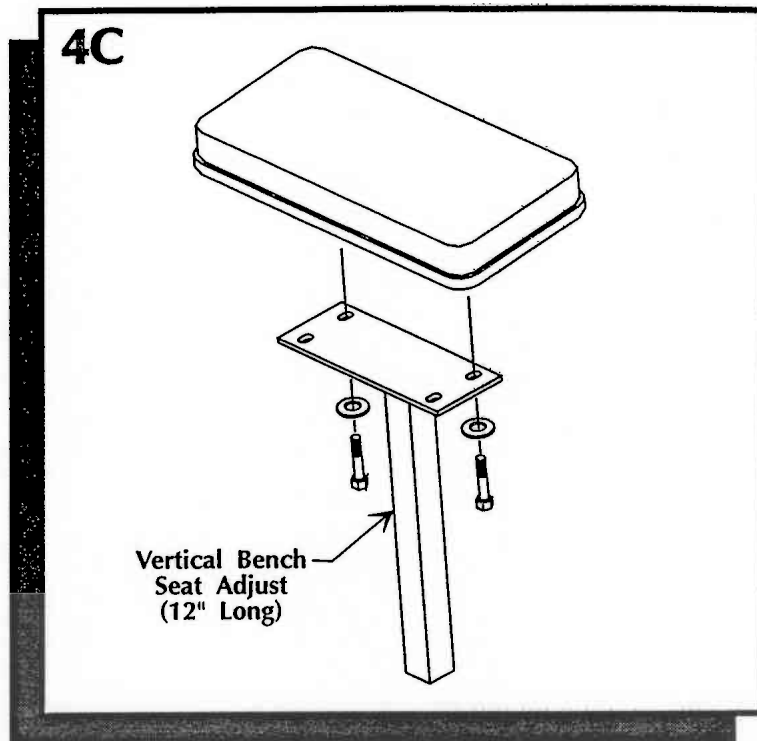
Step 4

Vertical Bench Frame Assembly

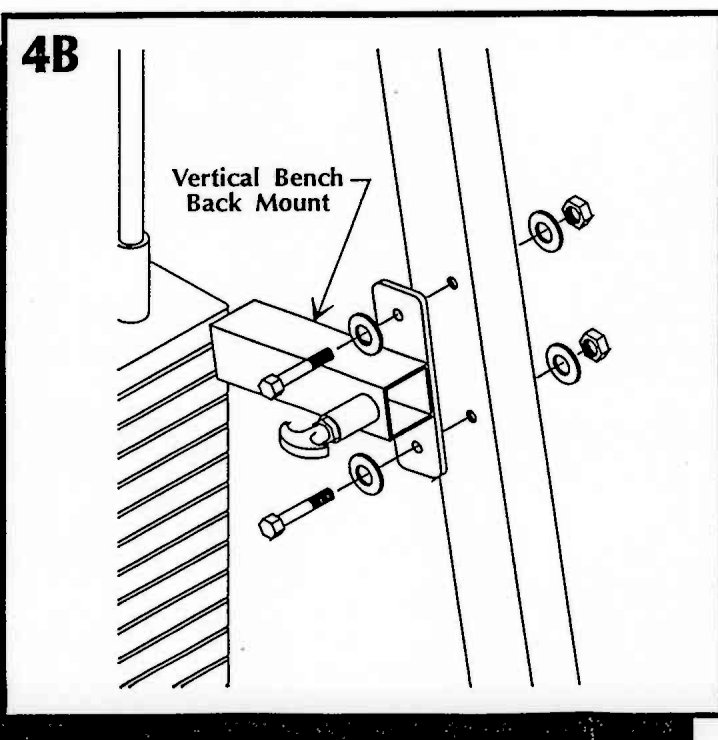
4A Attach the Vertical Bench Seat Frame to the Vertical Bench Main Upright using (2) 3/8 x 2 3/4 hex bolts. (Wrench tighten)



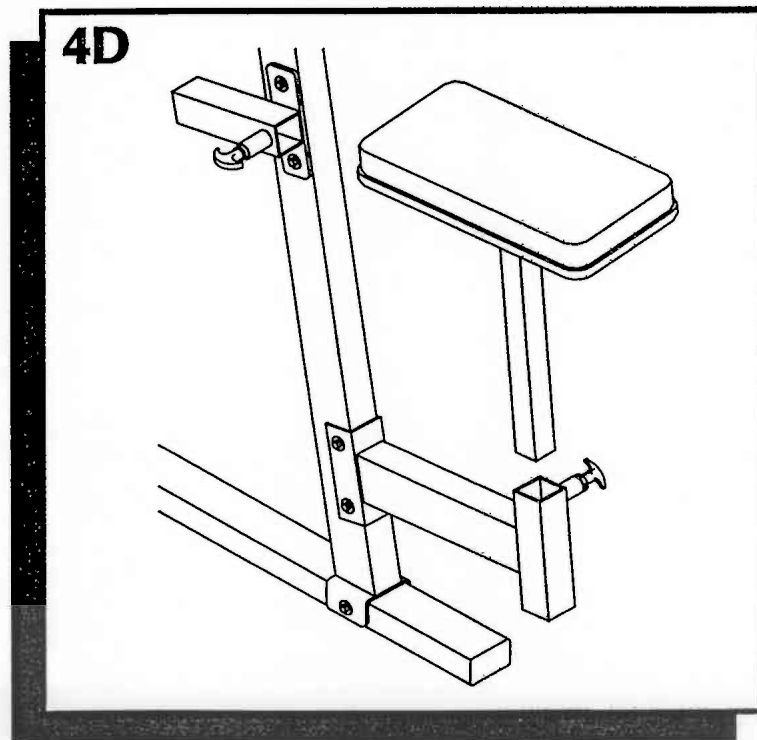
4C Attach a 10 x 20 Pad to the Vertical Bench Seat Adjust (12" long) using (2) 5/16 x 1 1/4 hex bolts and 5/16 washers. (Wrench tighten)



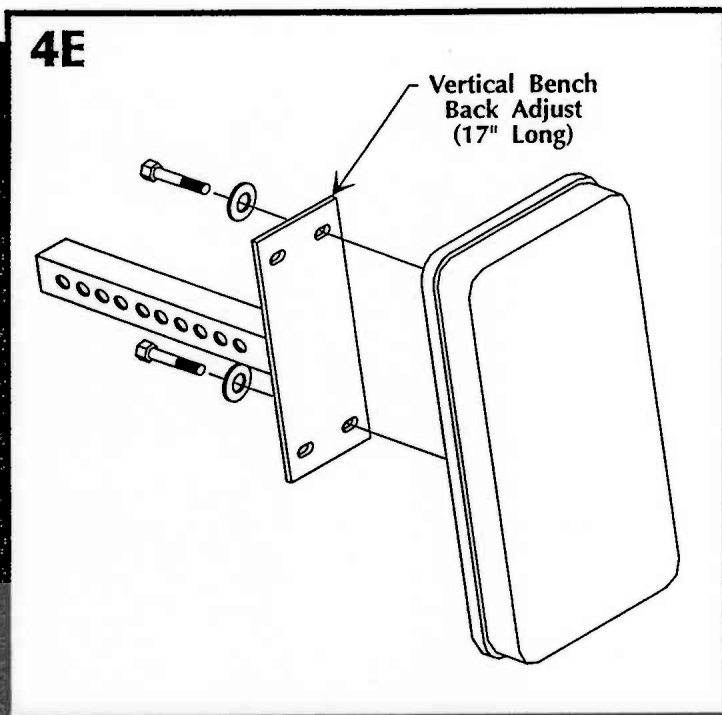
4B Attach the Vertical Bench Back Mount to the Vertical Bench Main Upright using (2) 3/8 x 2 3/4 hex bolts. (Wrench tighten)



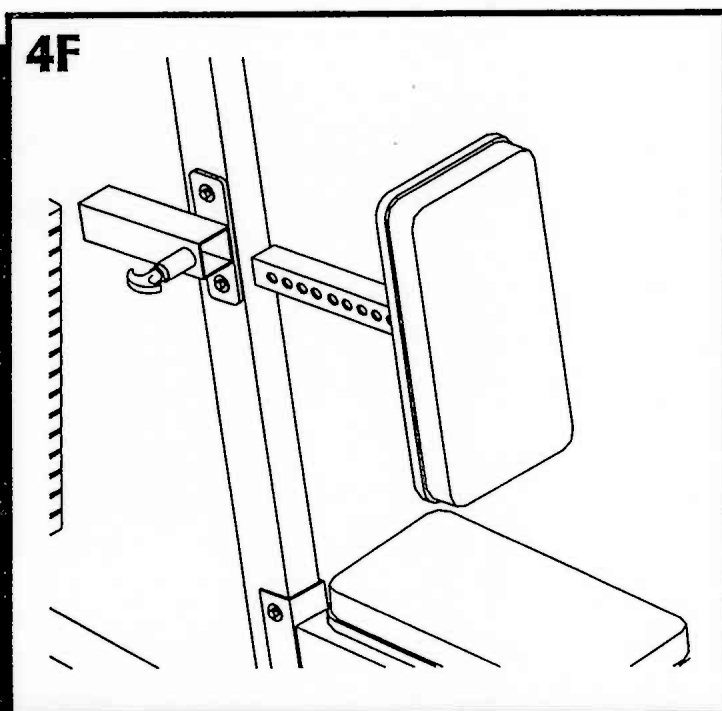
4D Slide the Vertical Bench Seat Pad Assembly into the Vertical Bench Seat Frame.



4E Attach a 10 x 20 Pad to the Vertical Bench Back Adjust (17" Long) using (2) 5/16 x 1 1/4 hex bolts and 5/16 washers. (Wrench tighten)

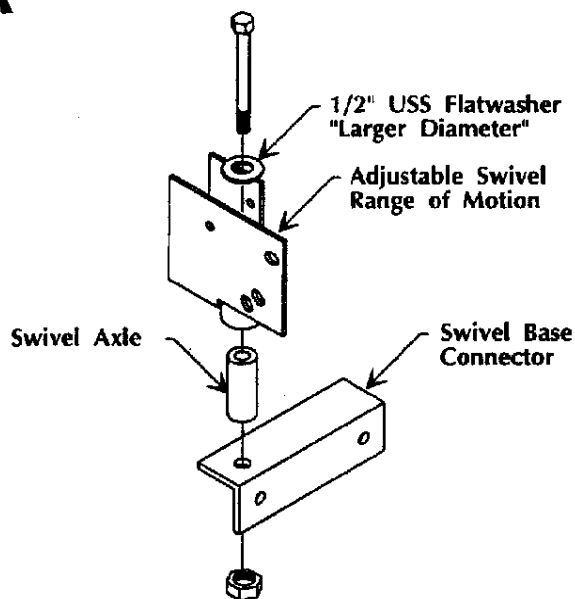


4F Slide the Vertical Bench Back Pad Assembly into the Vertical Bench Back Adjuster Mount.

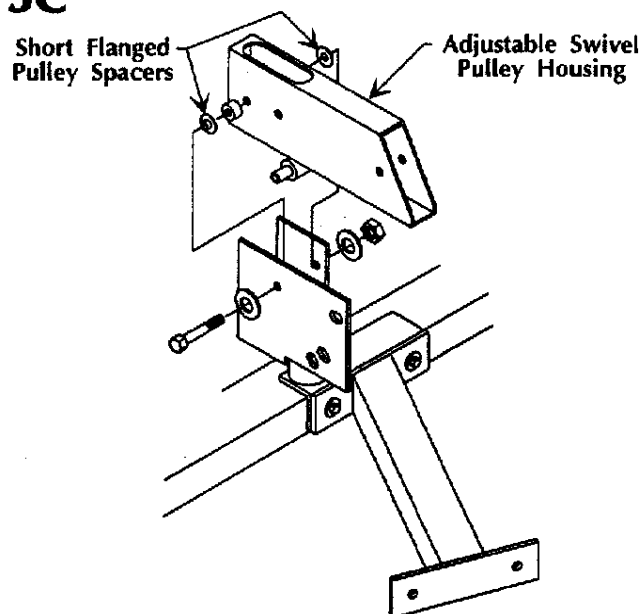


4600 Assembly**Step 5****Step 5****Frame Assembly**

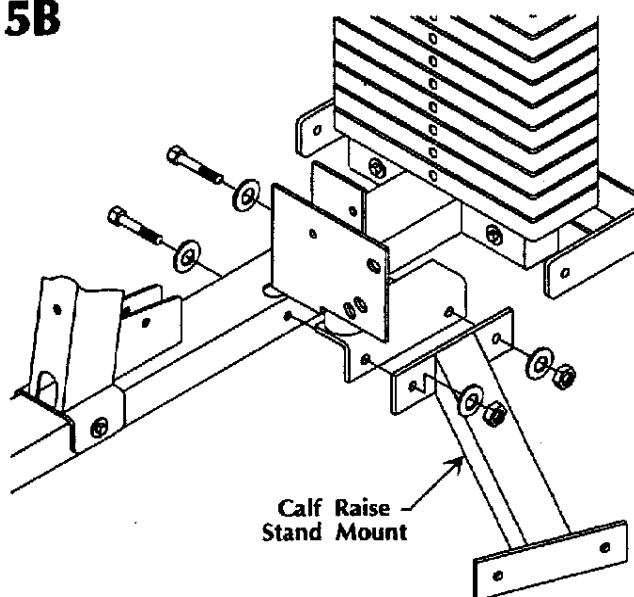
5A Attach the Adjustable Swivel Range of Motion and the Swivel Axle to the Swivel Base Connector using (1) 1/2 x 3 1/2 hex bolt, (1) 1/2 flat washer and (1) 1/2 nut. (Wrench tighten but do not over tighten)

5A

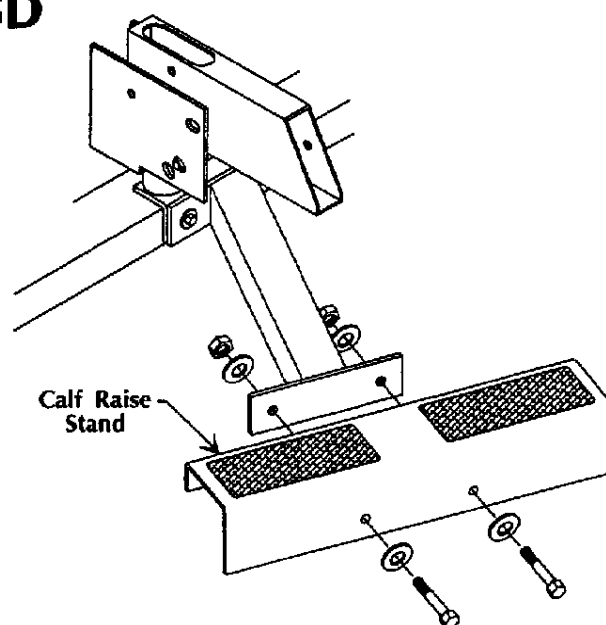
5C Place Short Flanged Pulley Spacers on the INSIDE of the Adjustable Swivel ROM. Attach the Adjustable Swivel Pulley Housing to the Adjustable Swivel ROM using (1) 1/2" spacer and (1) 3/8 x 3 hex bolt. (Wrench tighten)

5C

5B Attach the Calf Raise Stand Mount and the Swivel Assembly to the Pulldown Base Tube using (2) 3/8 x 4 hex bolts. (Wrench tighten)

5B

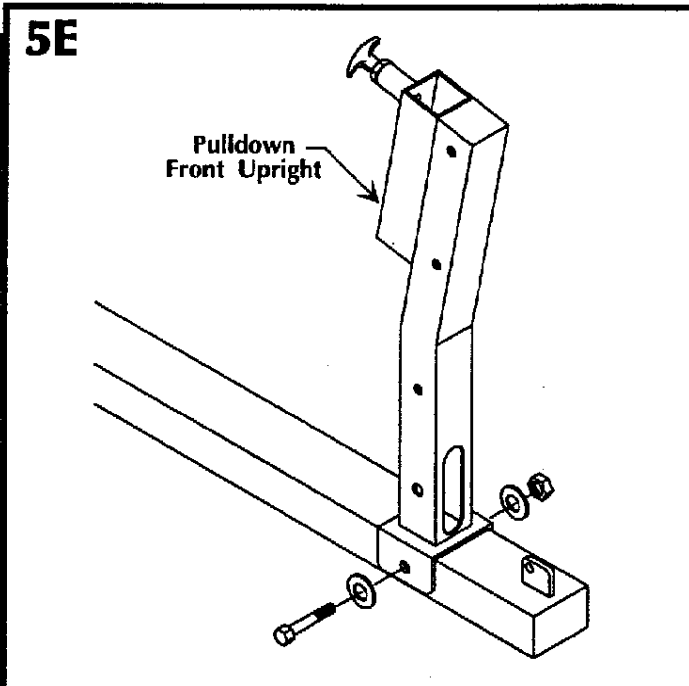
5D Attach the Calf Raise Stand to the Calf Raise Stand Mount using (2) 3/8 x 1 hex bolts. (Wrench tighten)

5D

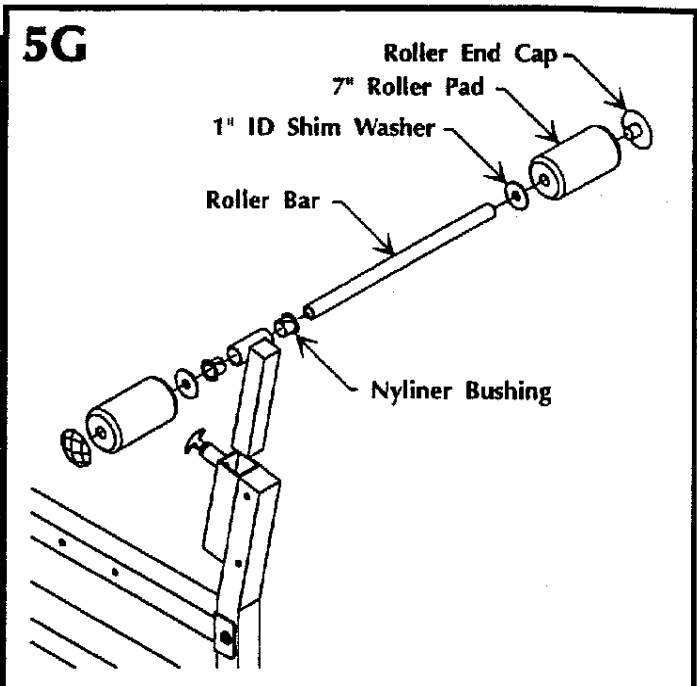
4000 Assembly

step 5

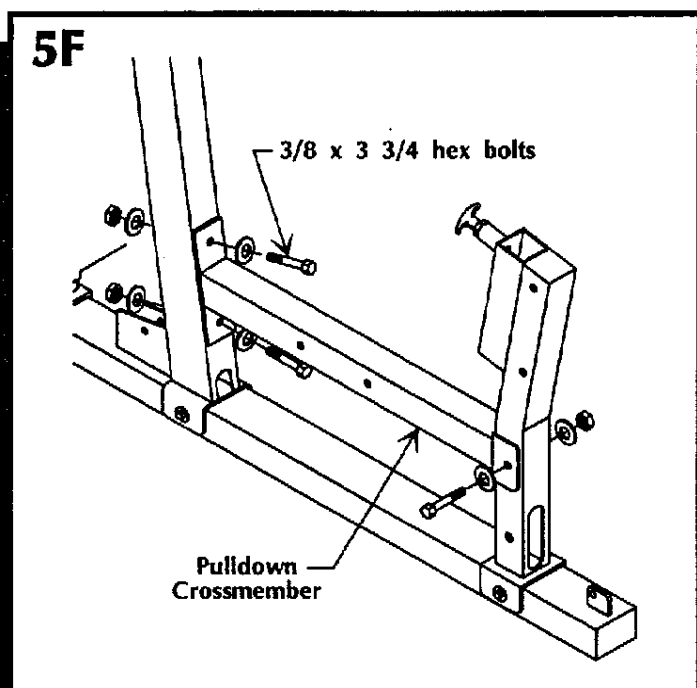
5E Attach the Pulldown Front Upright to the Pulldown Base Tube using (1) 3/8 x 4 hex bolt. (Hand tighten only)



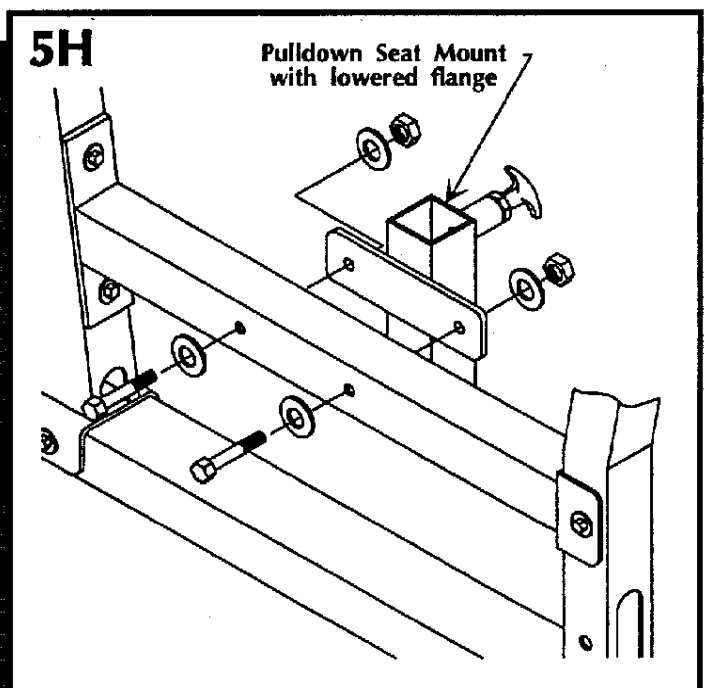
5G Insert the Nyliner Bushings into the tubing on the Lat Roller Adjuster. Slide the Roller Bar through the bushings. Slide the Washers and the 7" Roller Pads onto the Roller Bars as shown. Tap the Roller End Caps into the ends of the tubing.



5F Attach the Pulldown Crossmember to the Pulldown Upright using (2) 3/8 x 3 3/4 hex bolts and to the Pulldown Front Upright using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten all bolts)



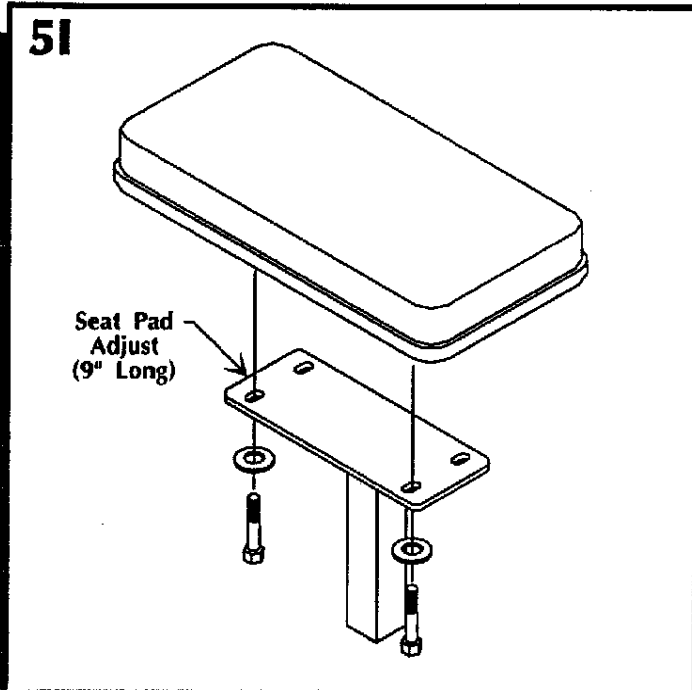
5H Attach the Pulldown Seat Mount (with lowered flange) to the Pulldown Crossmember using (2) 3/8 x 2 3/4 hex bolts. (Wrench tighten)



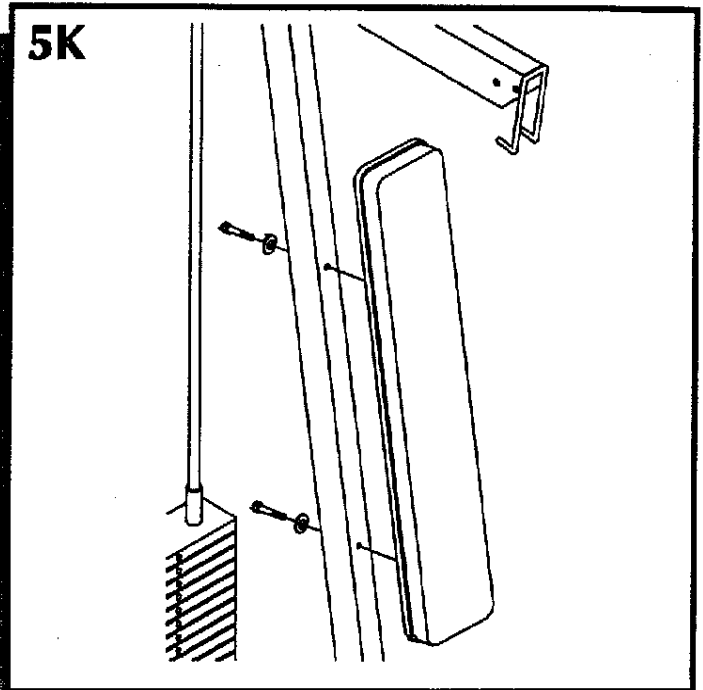
4600 Assembly

Step 5

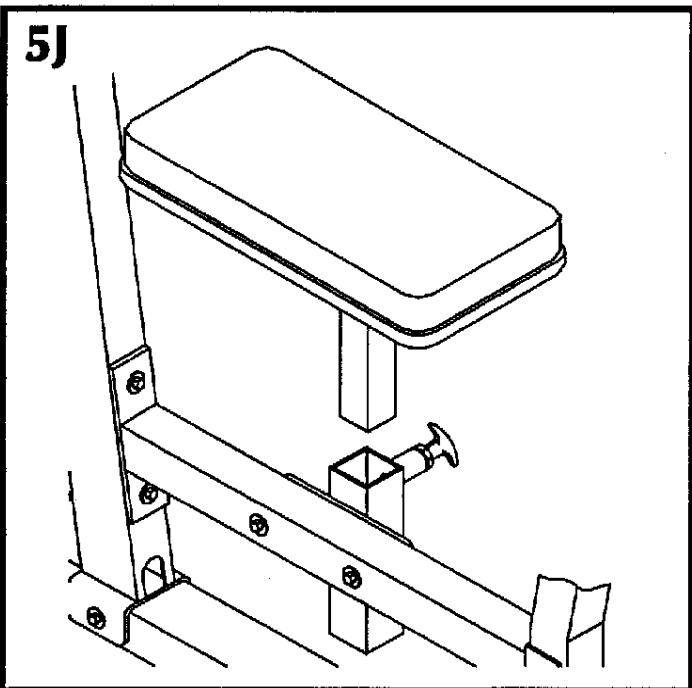
5I Attach a 10 x 20 Pad to the Pulldown Seat Pad Mount (9" Long) using (2) 5/16 x 1 1/4 hex bolts. (Wrench tighten)



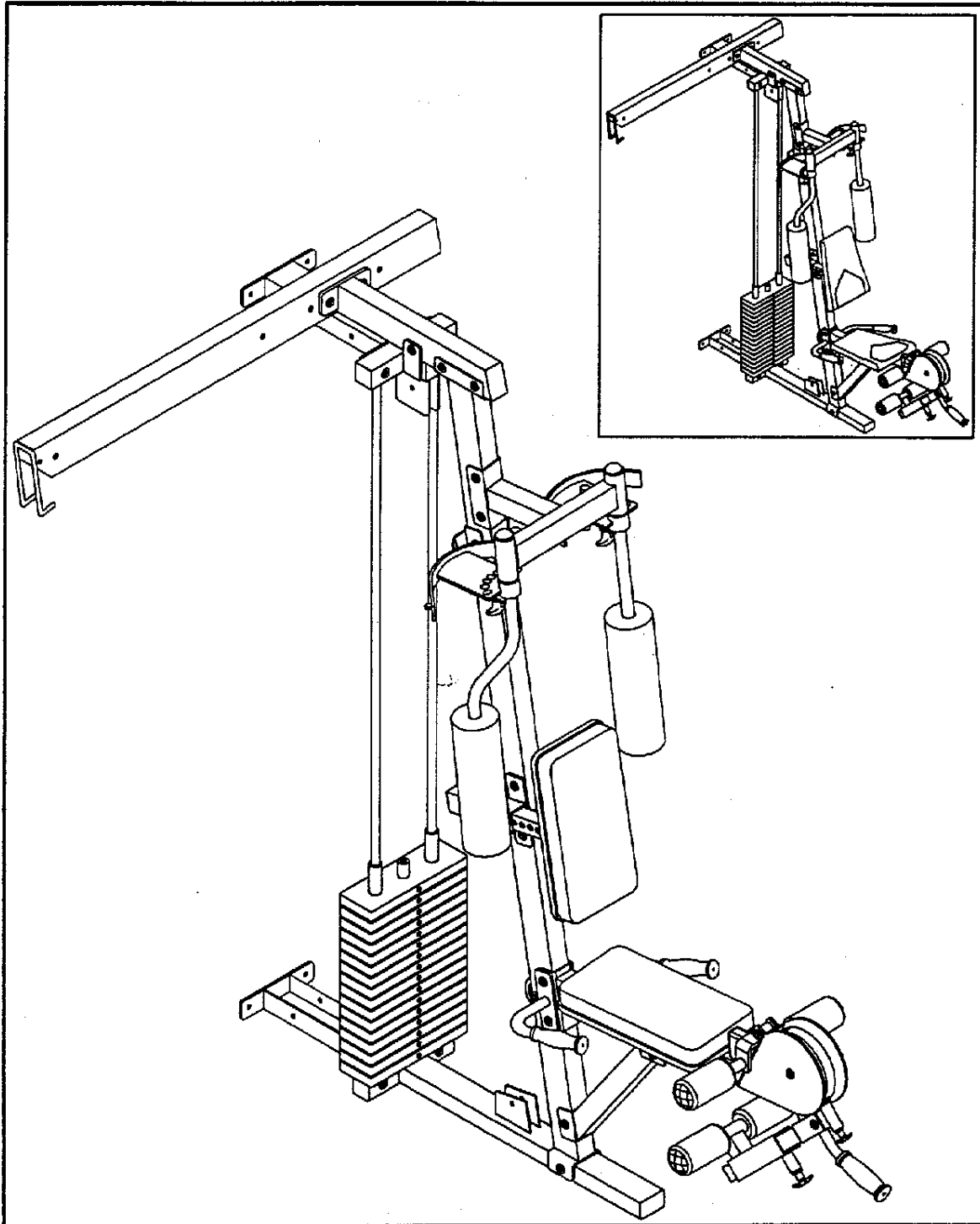
5K Attach a 5 x 41 Pad to the Pulldown Main Upright using (2) 5/16 x 4 hex bolts and 5/16 washers. (Wrench tighten)



5J Slide the Seat Pad Adjust into the Seat Pad Mount.

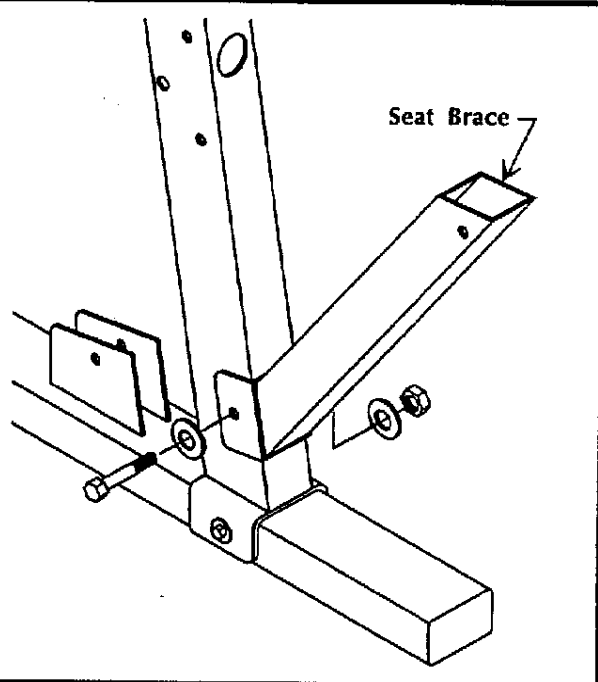


4600 Assembly**step 6****Step 6****Combo Frame Assembly**

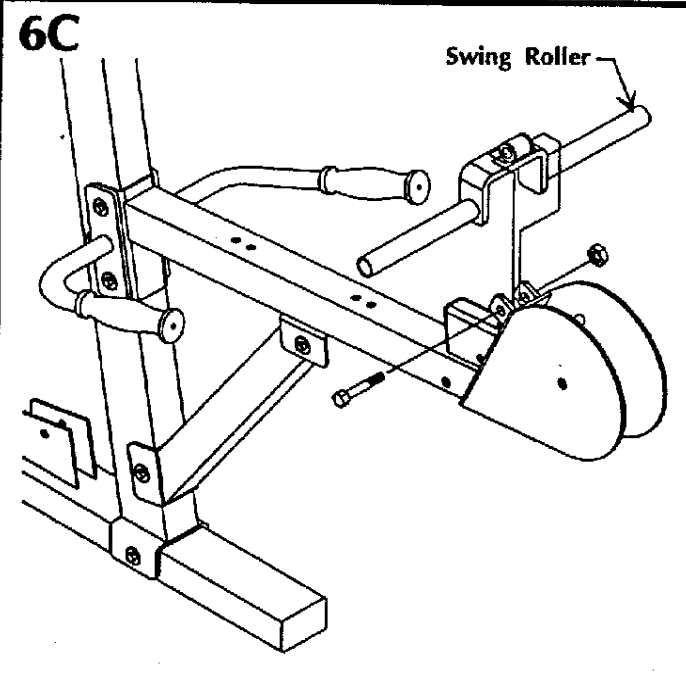


4600 Assembly**Step 6****Step 6****Combo Frame Assembly**

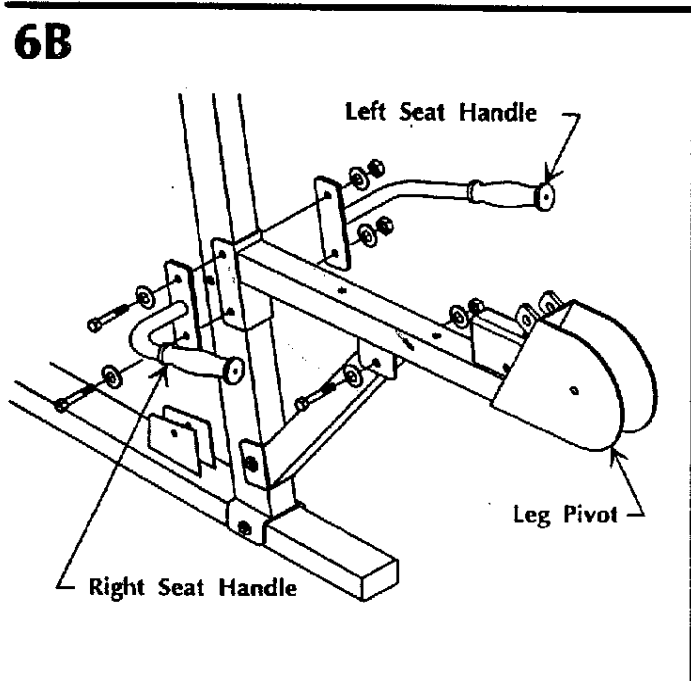
6A Attach the Seat Brace to the Combo Main Upright using (1) 3/8 x 2 3/4 hex bolt. (Hand tighten only)

6A

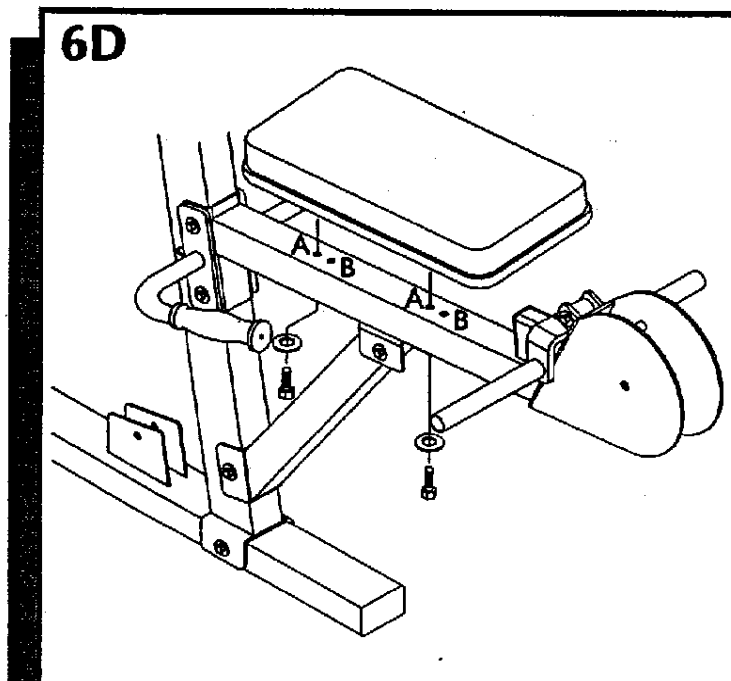
6C Attach the Swing Roller to the Leg Pivot using (1) 1/2 x 2 1/4 hex bolts. (NO Washers) (Wrench tighten)

6C

6B Attach the Leg Pivot and Left and Right Handles to the Main Combo Upright using (2) 3/8 x 3 1/4 hex bolts. Attach the Leg Pivot to the Seat Brace using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten all (4) bolts)

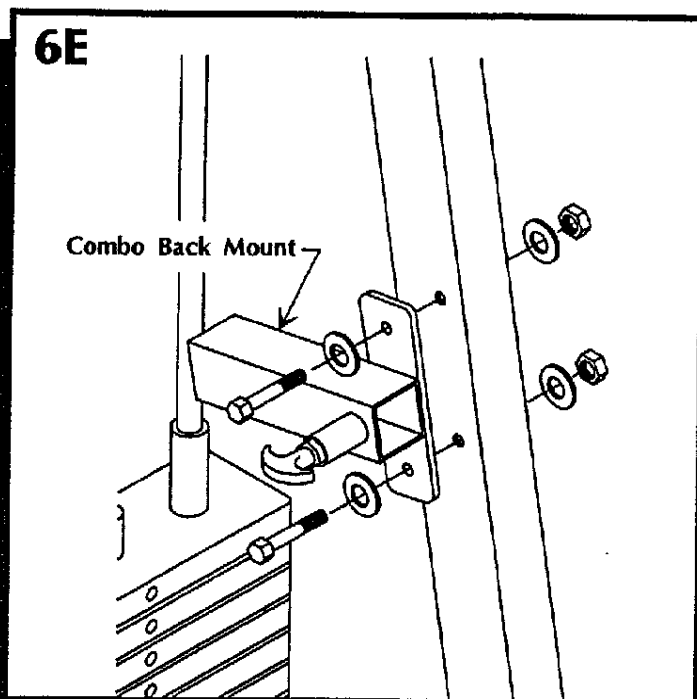
6B

6D Attach Pad to the holes labeled "A" in the Leg Pivot using (2) 5/16 x 1 1/4 full thread hex bolts. (Wrench tighten) Sewn pad shown

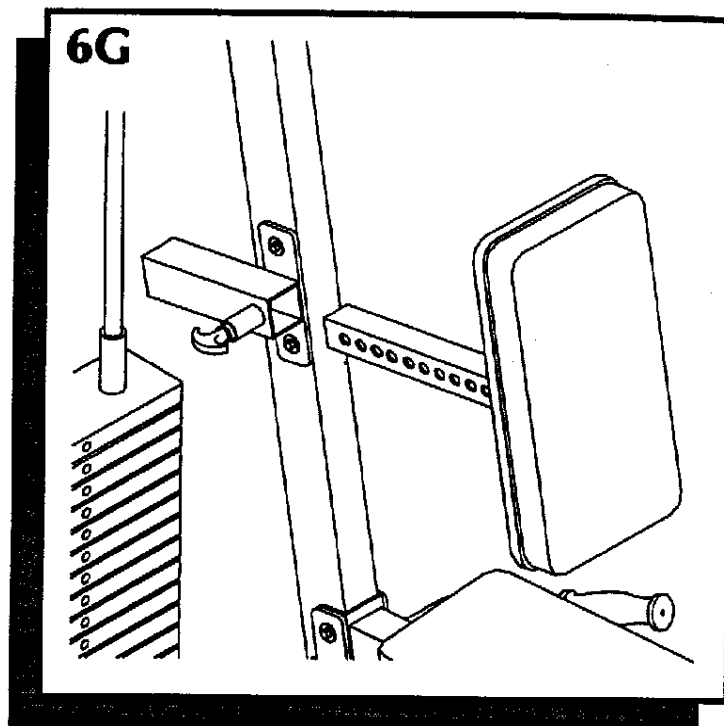
6D

4600 Assembly**Step 6**

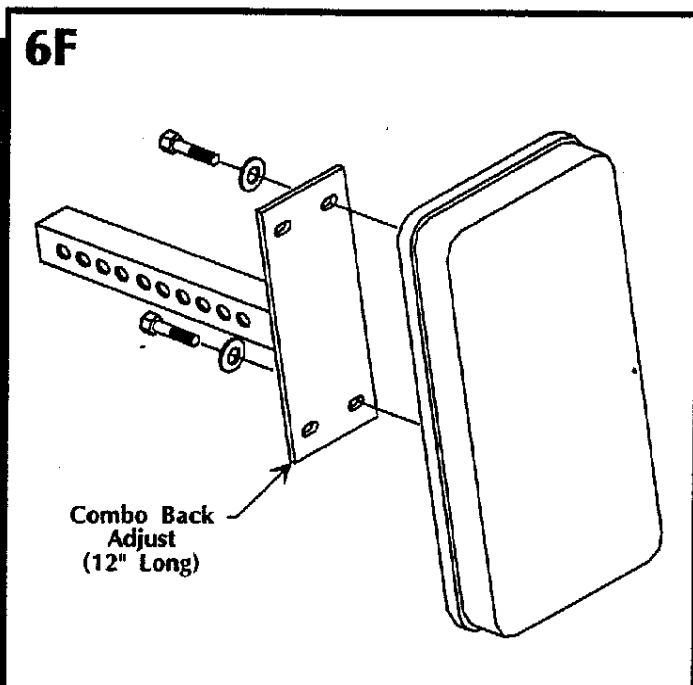
6E Attach the Combo Back Mount to the Combo Main Upright using (2) 3/8 x 2 3/4 hex bolts. (Wrench tighten)



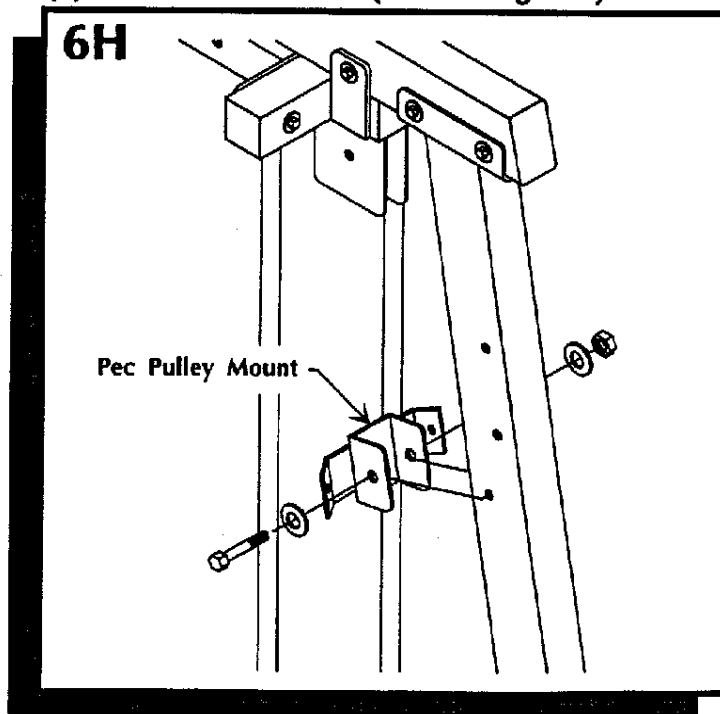
6G Slide the Combo Back Pad Adjust into the Combo Back Mount.



6F Attach a 10 x 20 Pad to the Combo Back Adjust (12" Long) using (2) 5/16 x 1 1/4 hex bolts. (Wrench tighten)

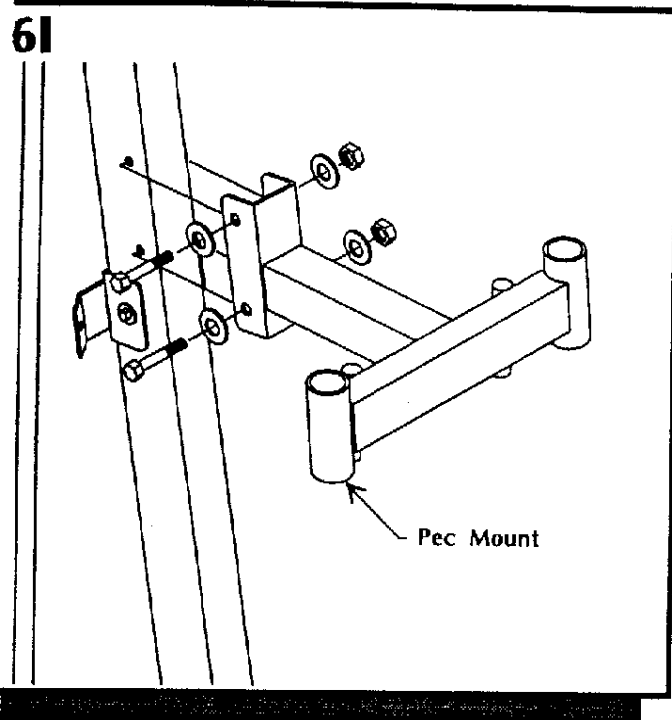


6H Attach the Pec Pulley Mount to the Combo Main Upright with the top of the Pulley Mount ears leaning Forward. Attach using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten)

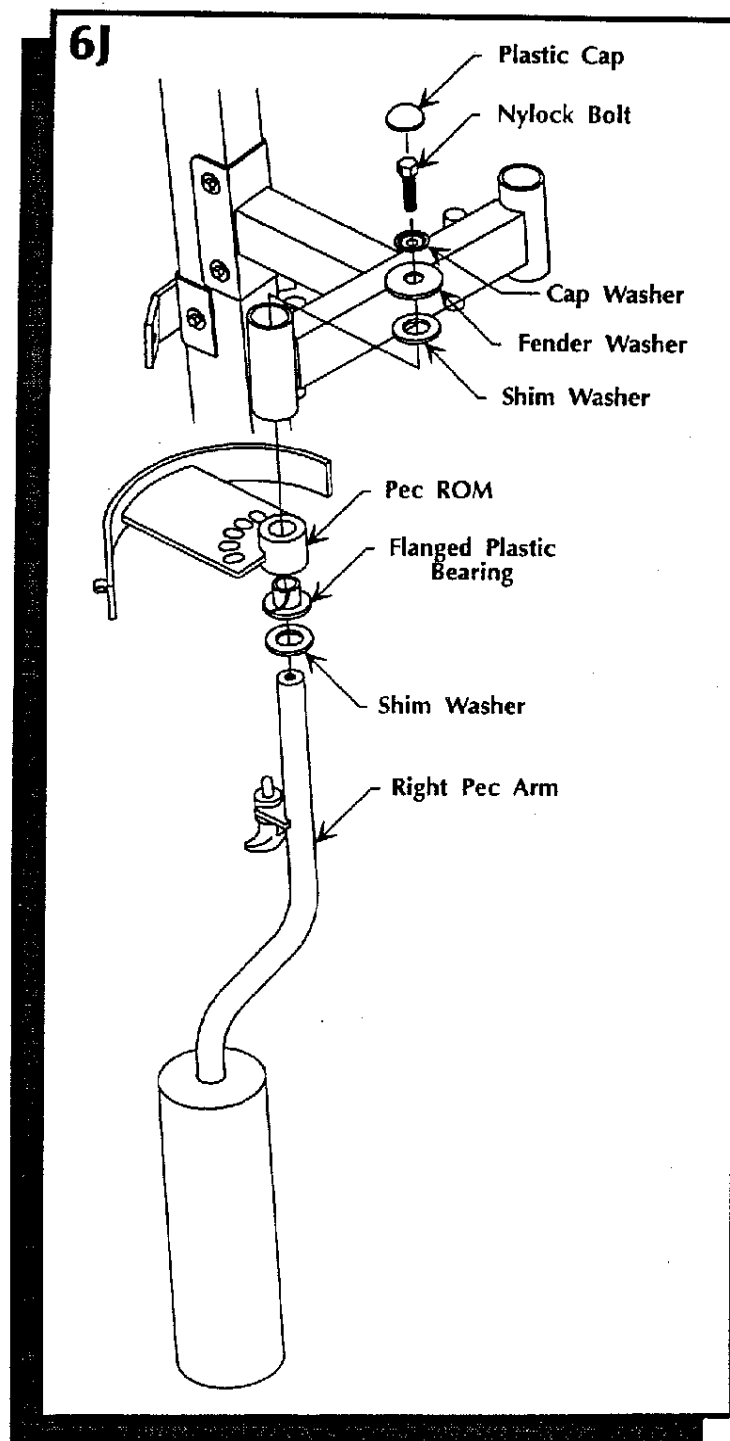


4600 Assembly**Step 6**

- 6I** Attach the Pec Mount to the Combo Main upright using (2) 3/8 x 2 3/4 hex bolts. (Wrench tighten)

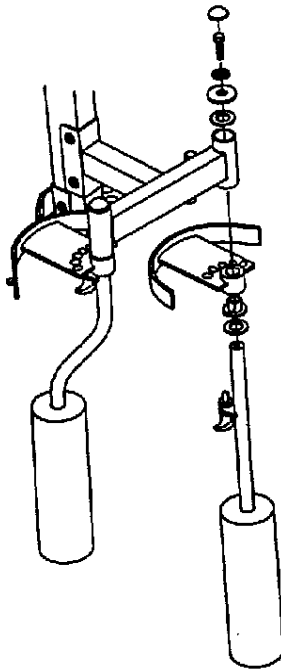


- 6J** Locate the Right Pec Arm. Slide a plastic shim washer over the Right Pec Arm. Insert a Flanged Plastic Bearing into the lower side of the Pec ROM. Slide the Pec ROM onto the Right Pec Arm with the bearing down and the tube on the Pec Cam toward the outside. Slide the Pec Arm up through the Pec Mount and attach using a plastic shim washer, a 3/8" fender washer, a 3/8" cap washer and (1) 3/8 x 1 nylock bolt as shown. (Wrench tighten) Snap plastic cap over cap washer.

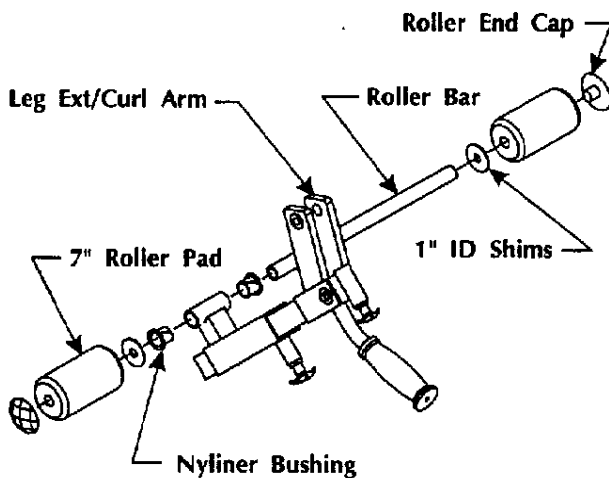


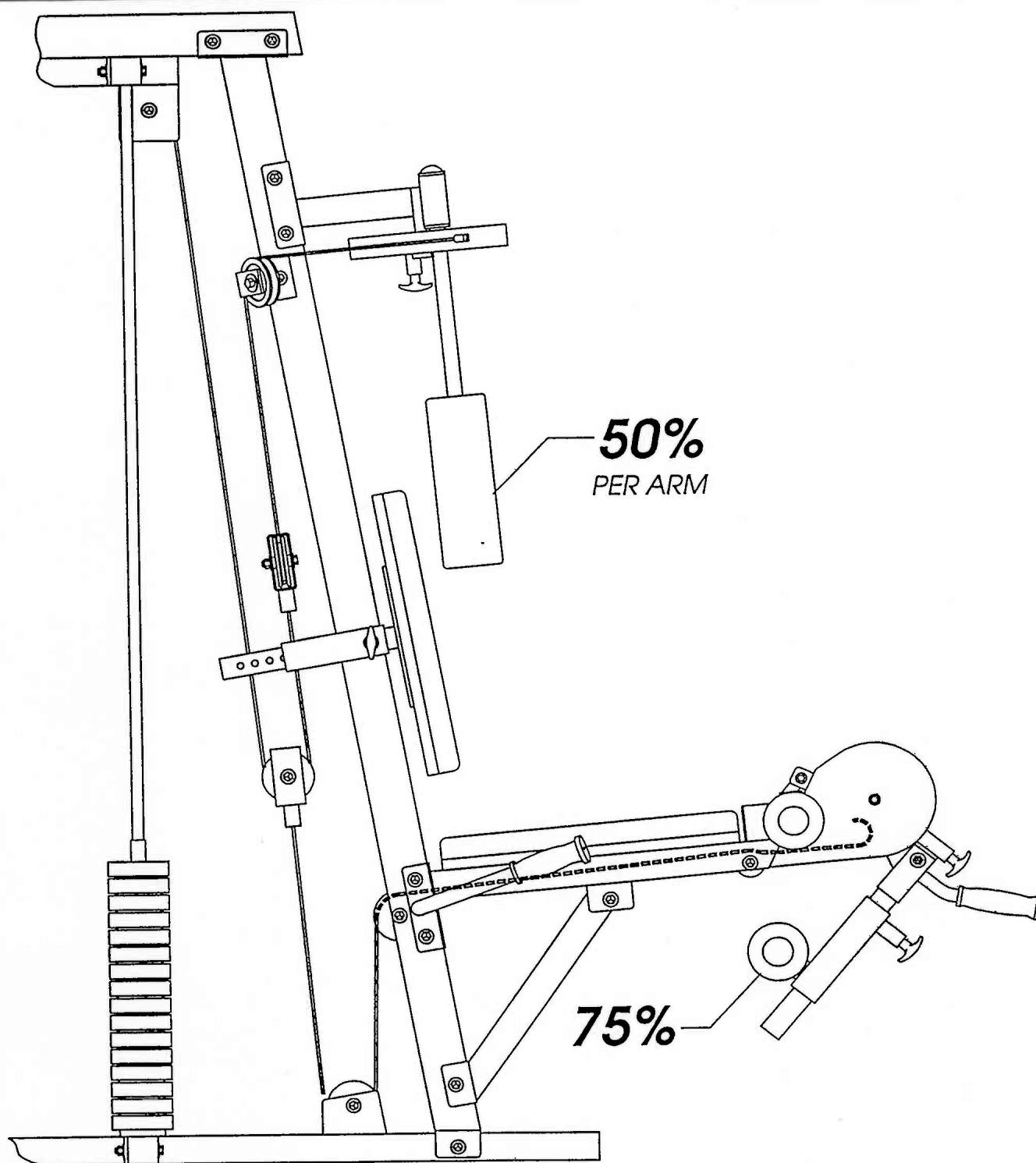
4600 Assembly**Step 6**

6K Attach the Left Pec Arm to the Pec Mount using the same method shown in step 6J.

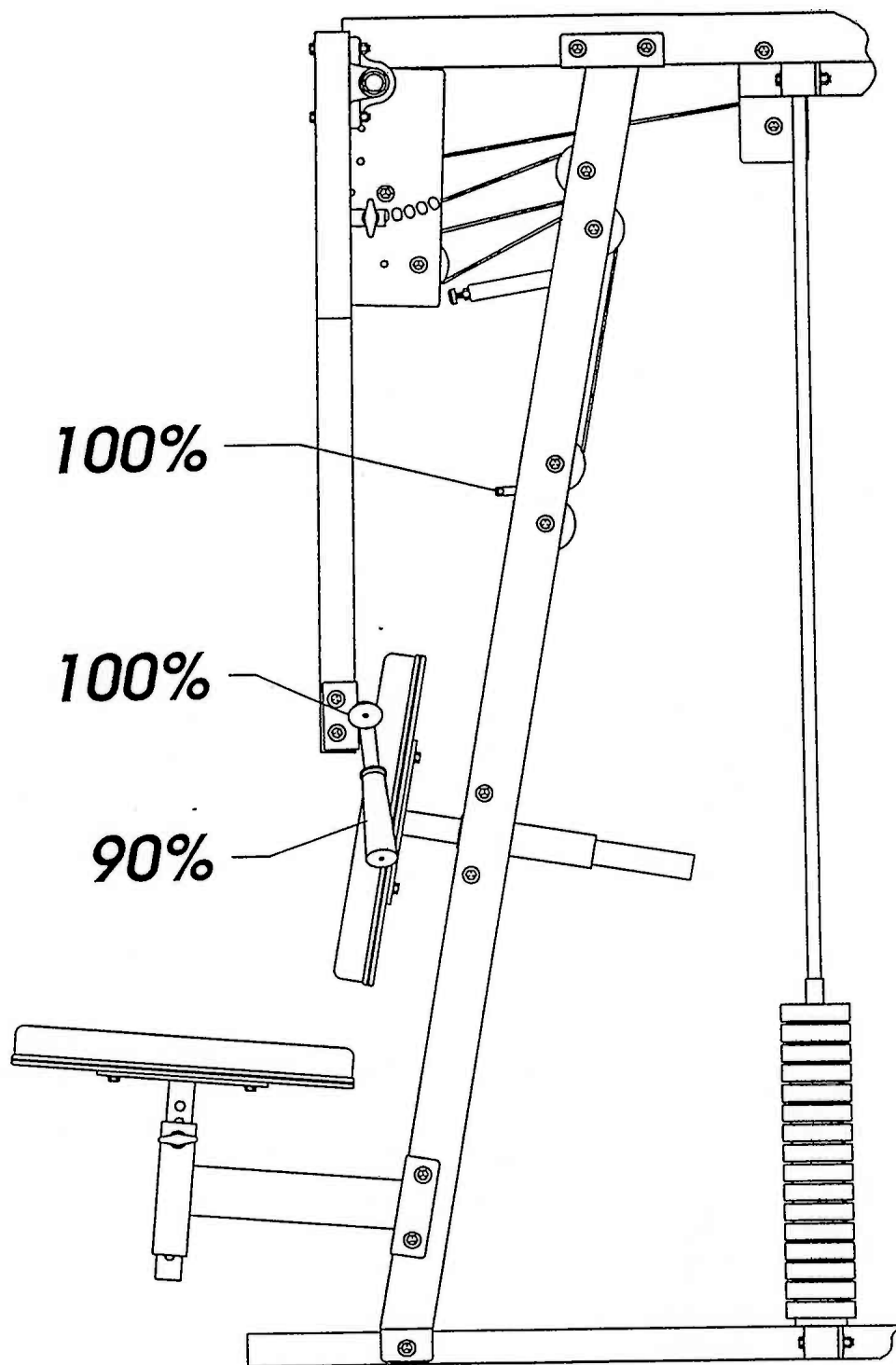
6K

6L Insert the Nyliner Bushings into the tube in the Leg Ext./Curl Arm. Slide the Roller Bar through the bushings. Slide the Shims and 7" Roller Pads onto the Roller Bar. As shown. Tap the Roller End Caps into the ends of the tubing.

6L



Percentages shown indicate a multiple of the weight selected.
See Weight/Ratio chart for exact weights being lifted at the above percentages.



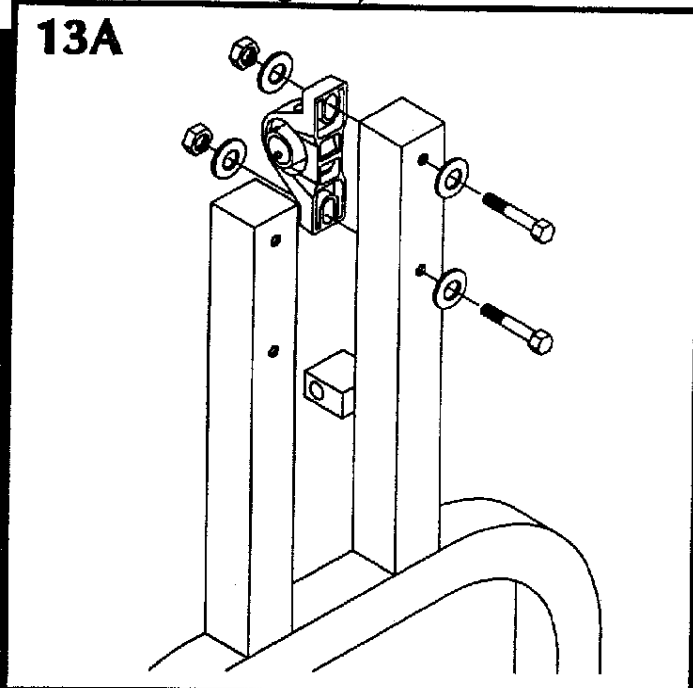
Percentages shown indicate a multiple of the weight selected.
See Weight/Ratio chart for exact weights being lifted at the above percentages.

Plate #	50%	75%	90%	100%	
1	6	9	11	12	
2	13	19	23	25	
3	19	28	34	37	
4	25	38	45	50	
5	31	47	56	62	
6	38	56	68	75	
7	44	66	79	87	
8	50	75	90	100	
9	56	84	101	112	
10	63	94	113	125	
11	69	103	124	137	
12	75	113	135	150	
13	81	122	146	162	
14	88	131	158	175	
15	94	141	169	187	
16	100	150	180	200	
17	106	159	191	212	
18	113	169	203	225	
19	119	178	214	237	
20	125	188	225	250	
21	131	197	236	262	

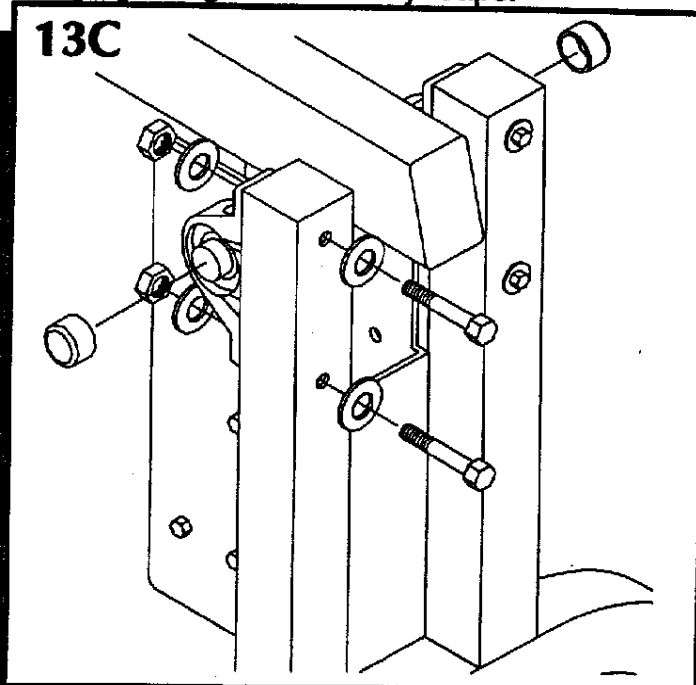
The above chart shows you the actual weight being lifted when the ratio's are applied. The ratios are shown across the top of the chart with the actual weight plate numbers down the left hand side. To find the actual weight being lifted you would come down from the ratio being used and across from the weight plate number you have pinned.

4600 Assembly**Step 13****Step 13****Final Assembly**

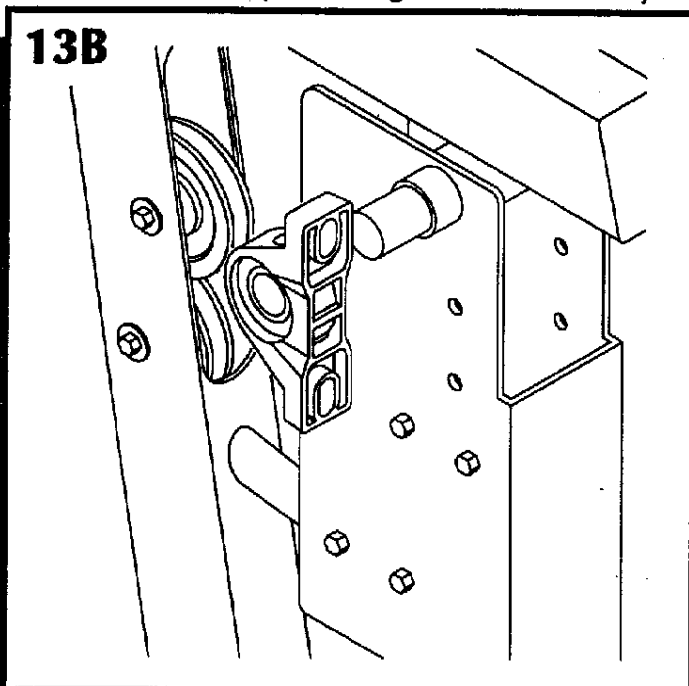
13A Attach a Pillow Block Bearing to the Press Arm as shown using (2) 3/8 x 3 1/4 hex bolts. The lock screws on the bearing should be facing toward the inside of the Press Arm as shown. (Wrench tighten)



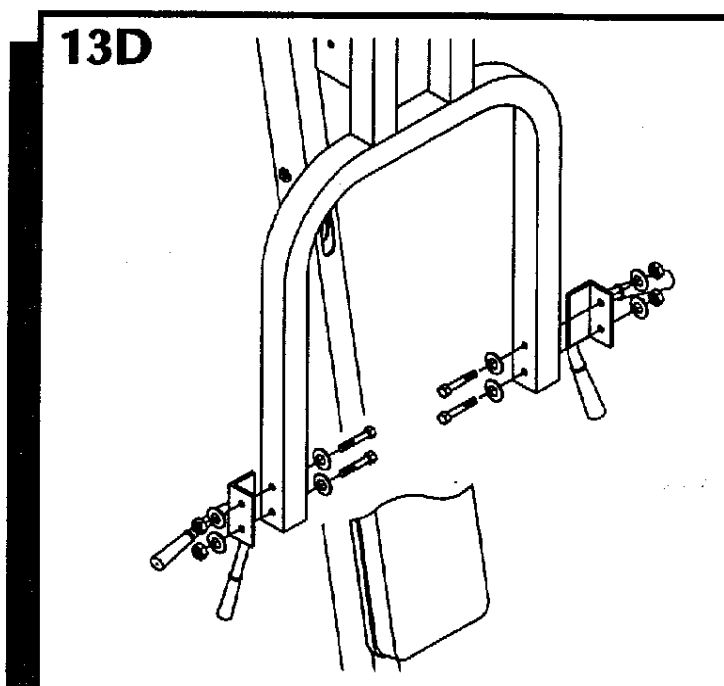
13C Slide the Pillow Block that's attached to the Press Arm over the pivot shaft. Bolt the Press Arm to the second Pillow Block using (2) 3/8 x 3 1/4 hex bolts. (Wrench tighten) Using an allen wrench tighten the set screws on the pillow blocks being sure the Press Arm is hanging straight. Install Vinyl Caps.



13B Slide the remaining Pillow Block Bearing onto the Pivot Shaft for the Press Arm. The lock screws on the Pillow Block should be toward the ROM. (Do not tighten lock screws)

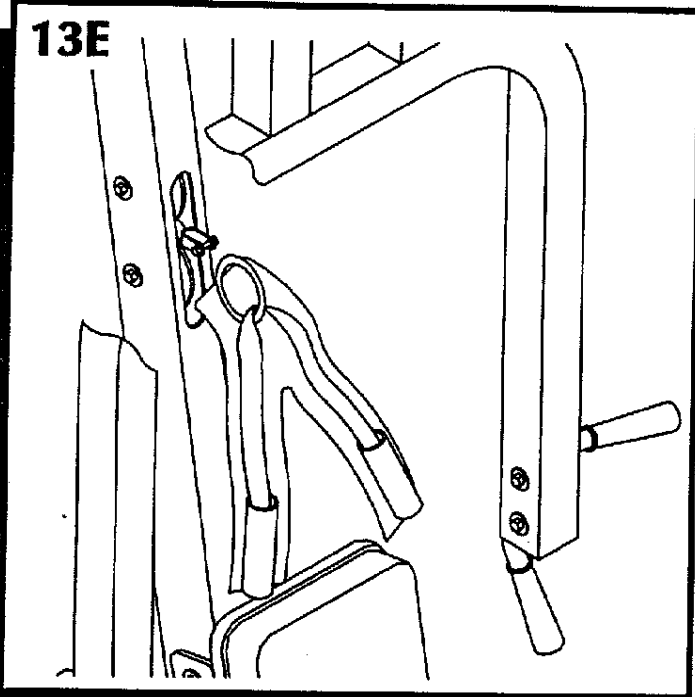


13D Attach the Press Arm Handles to the Press Arm using (4) 3/8 x 2 3/4 hex bolts. (Wrench tighten)

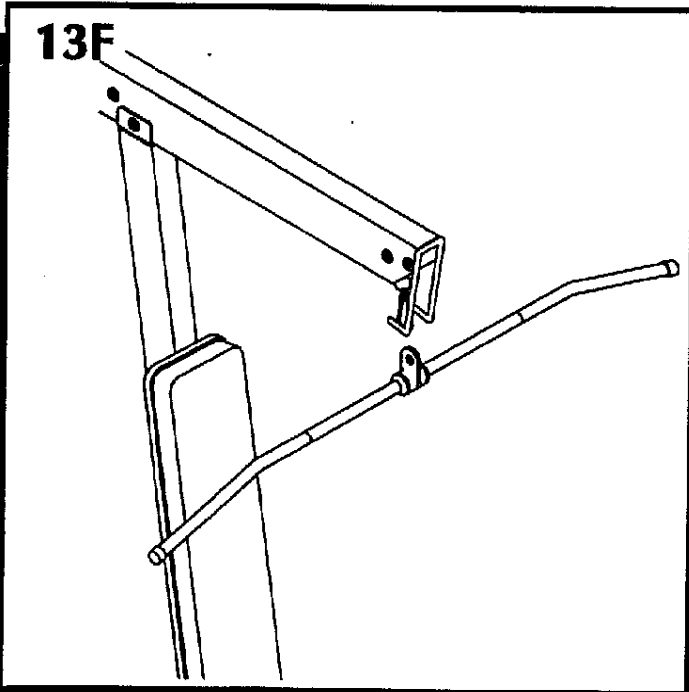


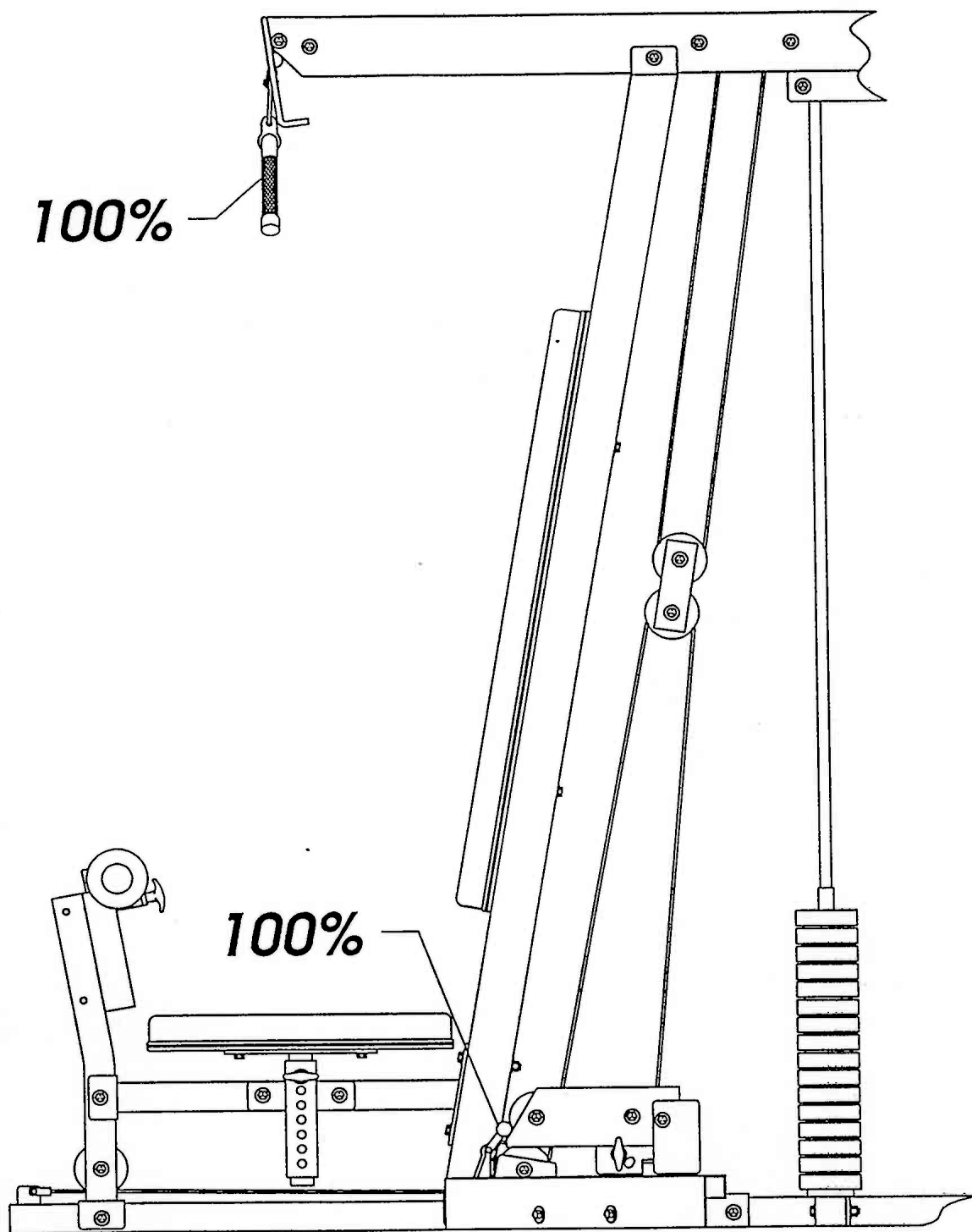
4600 Assembly**Step 13****13E**

Attach the Ab Strap to the clevis at the Vertical Bench Main Upright using the existing 1/4 x 1 hex bolt. (Wrench tighten)

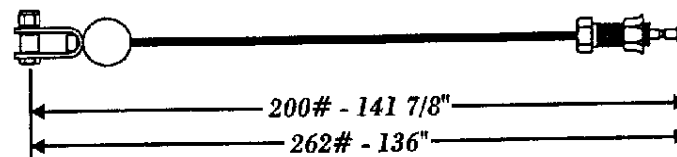
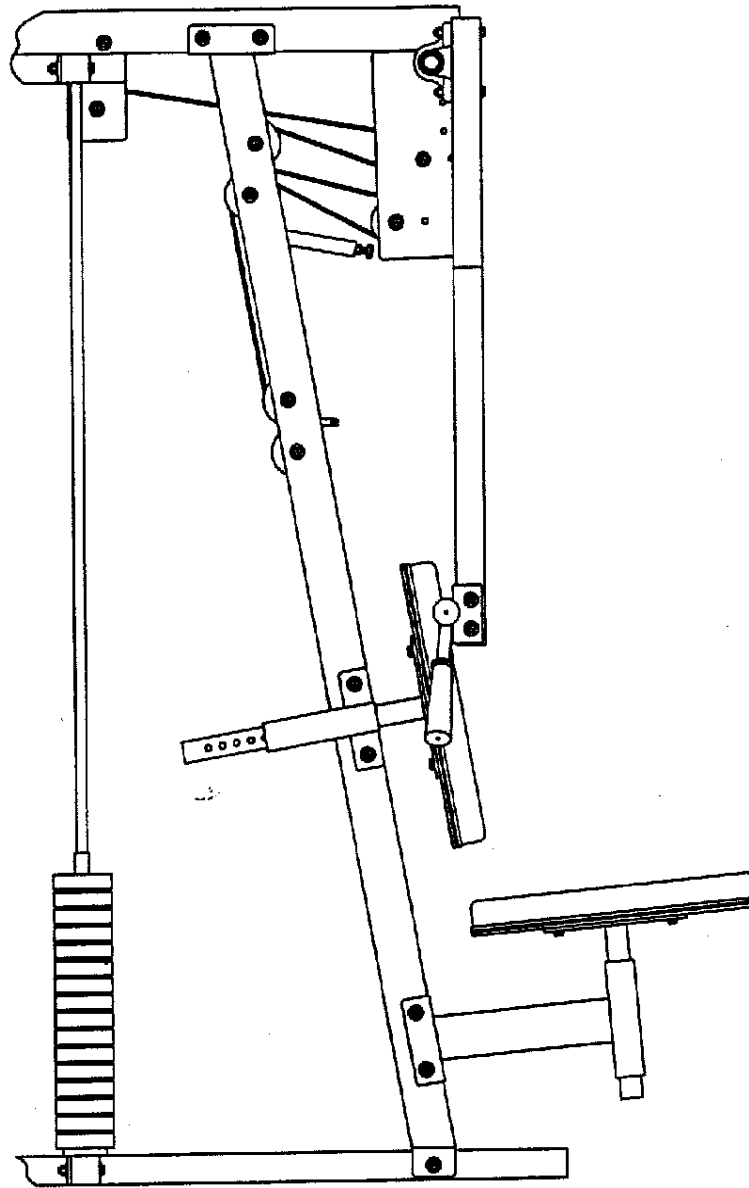
**13F**

Attach the Lat Bar to the snap hook at the pulldown station.





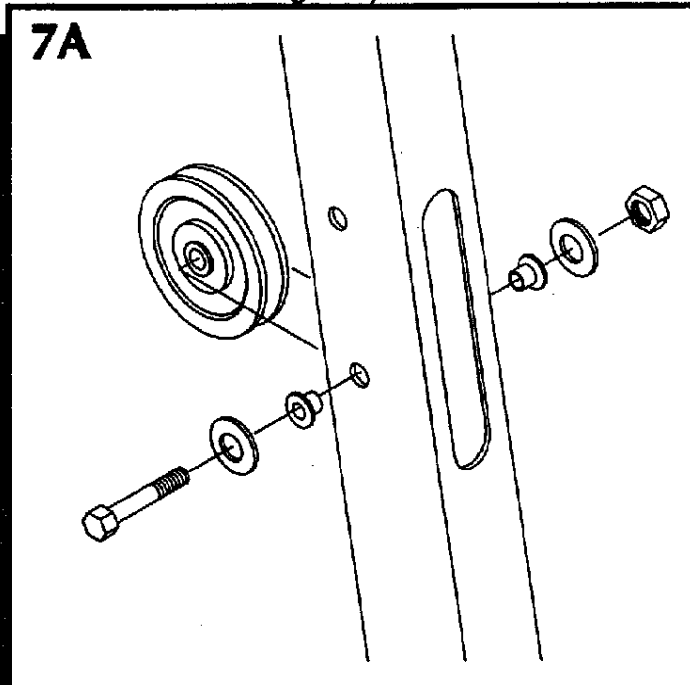
Percentages shown indicate a multiple of the weight selected.
See Weight/Ratio chart for exact weights being lifted at the above percentages.

4600 Assembly**Step 7****Step 7****Cable Installation - Vertical Bench Cable (#1)****Vertical Bench Cable (#1)**

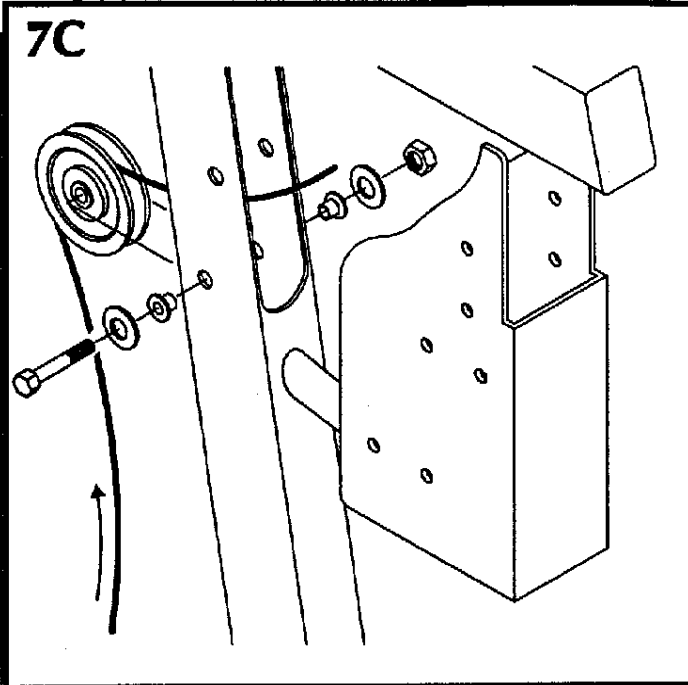
4600 Assembly**Step 7****Step 7**

Vertical Bench Cable - #1

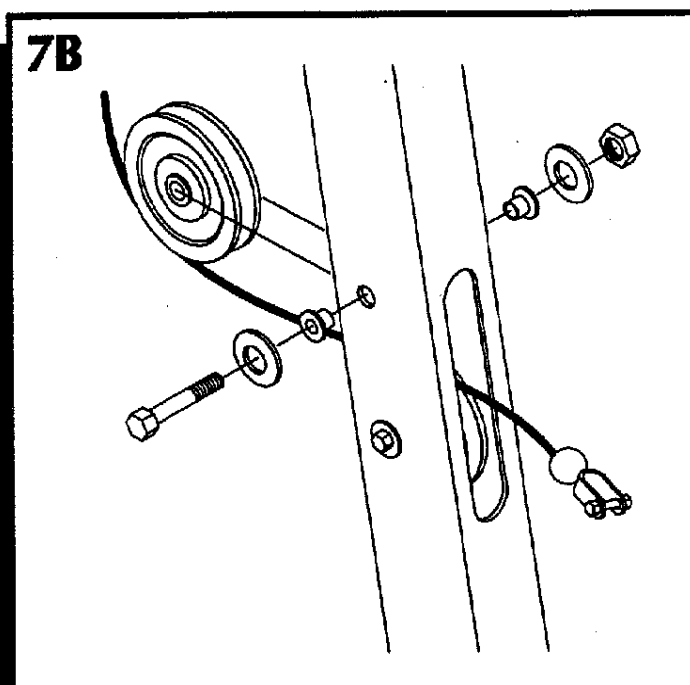
7A Insert flanged pulley spacers into the lower hole in the lower slot of the Vertical Bench Upright. Install a 3 1/2" pulley into the slot using (1) 3/8 x 2 3/4 hex bolt (Wrench tighten being careful not to over tighten)



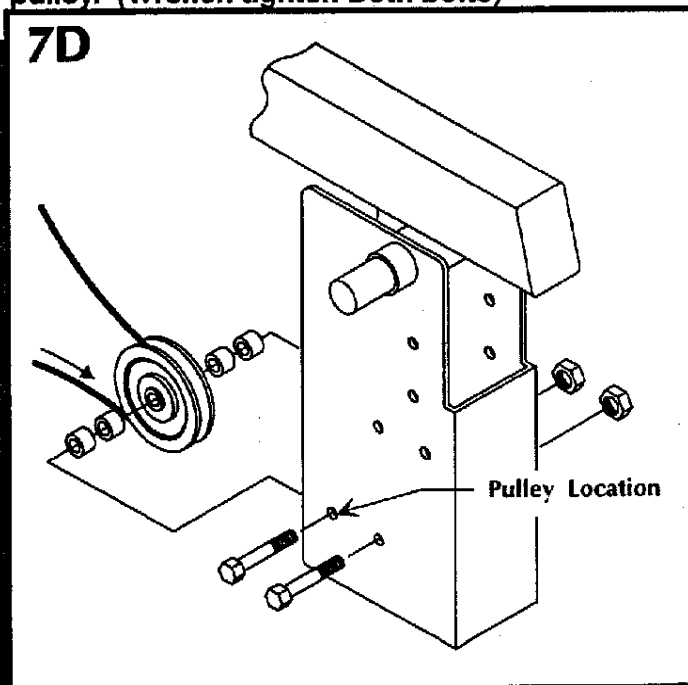
7C Insert flanged pulley spacers into the lower hole in the upper slot of the Vertical Bench Upright. Thread the cable over a 3 1/2" pulley and through the slot as shown. Install the pulley using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten)



7B Insert flanged pulley spacers into the upper hole. Thread the cable over the pulley already installed in the tube as shown. Install the upper 3 1/2" pulley using the steps shown above.

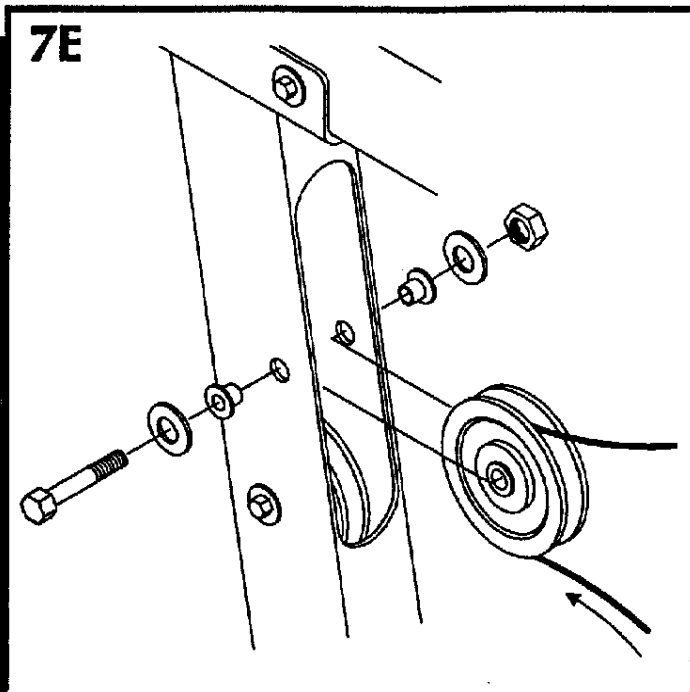


7D Thread the cable around a 3 1/2" pulley and install the pulley into the lower back hole of the ROM using (4) 1/2" spacers and (1) 3/8 x 3 3/4 hex bolt Without washers as shown. Install (1) 3/8 x 3 3/4 hex bolt Without washers behind pulley. (Wrench tighten Both bolts)

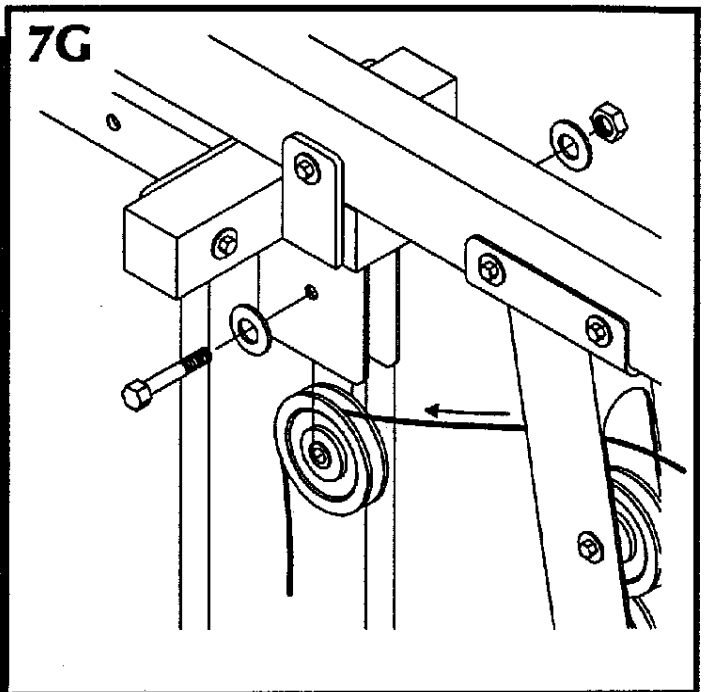


4600 Assembly**Step 7**

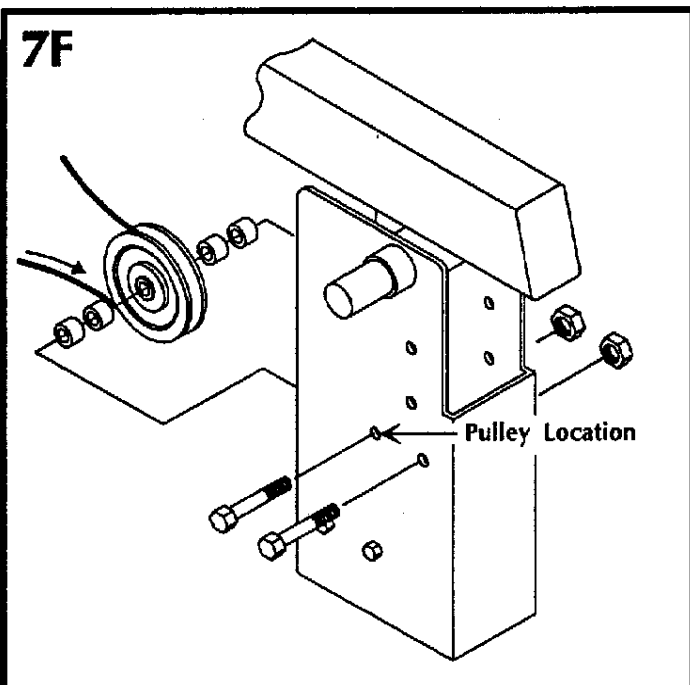
7E Insert flanged pulley spacers into the upper hole in the upper slot of the Vertical Bench Upright. Thread the cable around a 3 1/2" pulley and install pulley into the slot using (1) 3/8 x 2 3/4 hex bolt. (Wrench tighten)



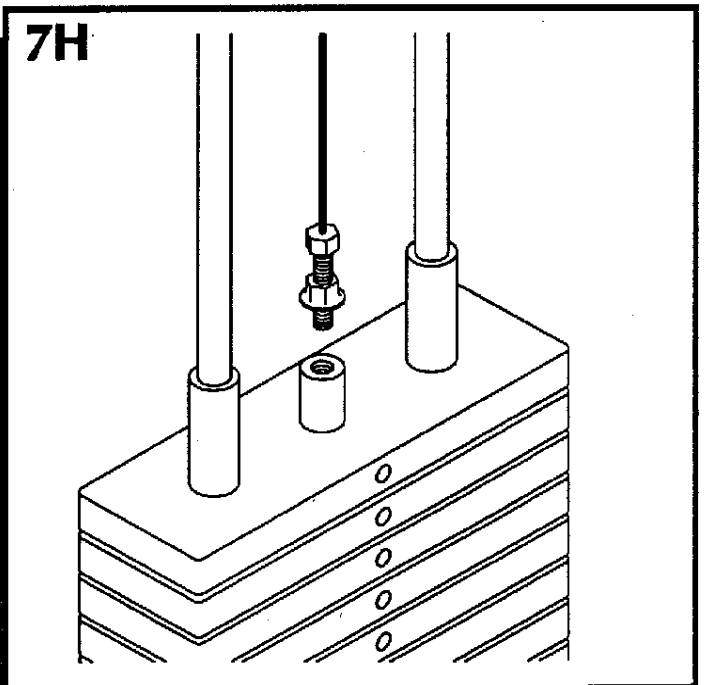
7G Thread the cable through the slot in the Vertical Bench Upright. Thread the cable over a 3 1/2" pulley and install the pulley into the pulley ears on the Vertical Bench Top Guide Rod Mount using (1) 3/8 x 1 3/4 hex bolt. (Wrench tighten)



7F Install a 3 1/2" pulley into the ROM by following the steps used in Step 7D. (Wrench tighten both bolts)



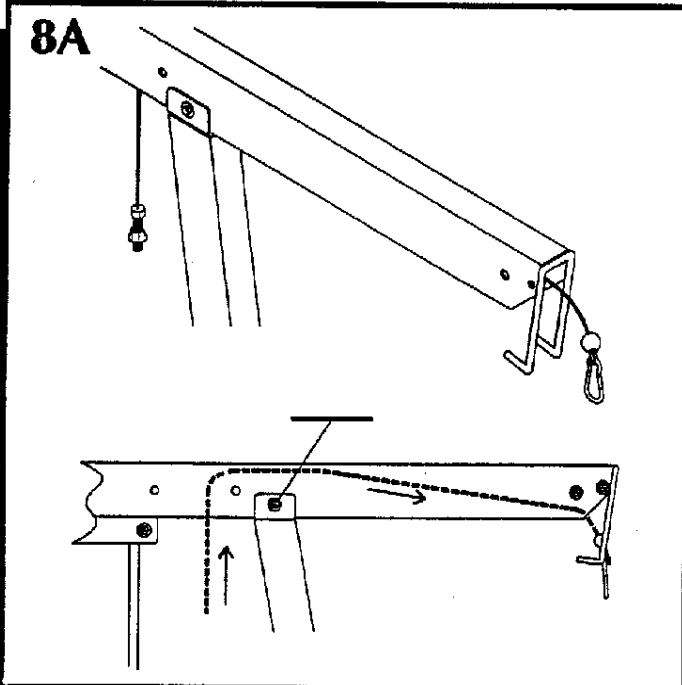
7H Thread the bolt end of the cable (5) full turns or 1/2" into the Weight Stack Top Plate. (Wrench tighten jam nut)



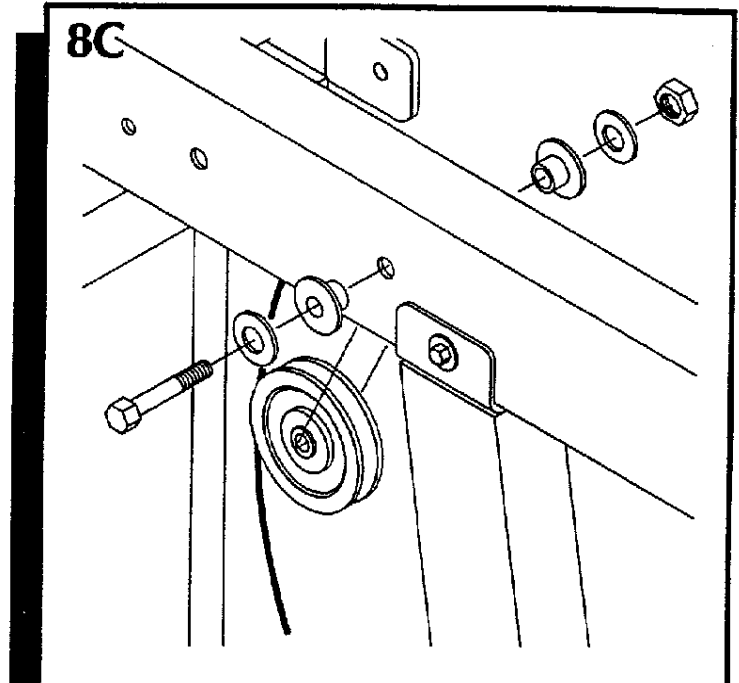
4600 Assembly**Step 8****Step 8**

Pulldown Cable - #2

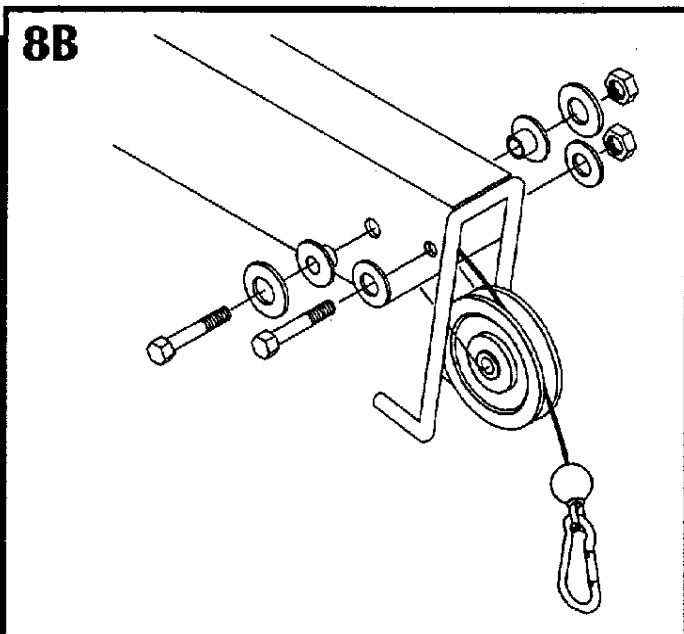
8A Thread the cable up through the slot in the Main Top Mount and toward the front of the tube as shown being sure to thread the cable **OVER** the Main Upright mounting bolt.



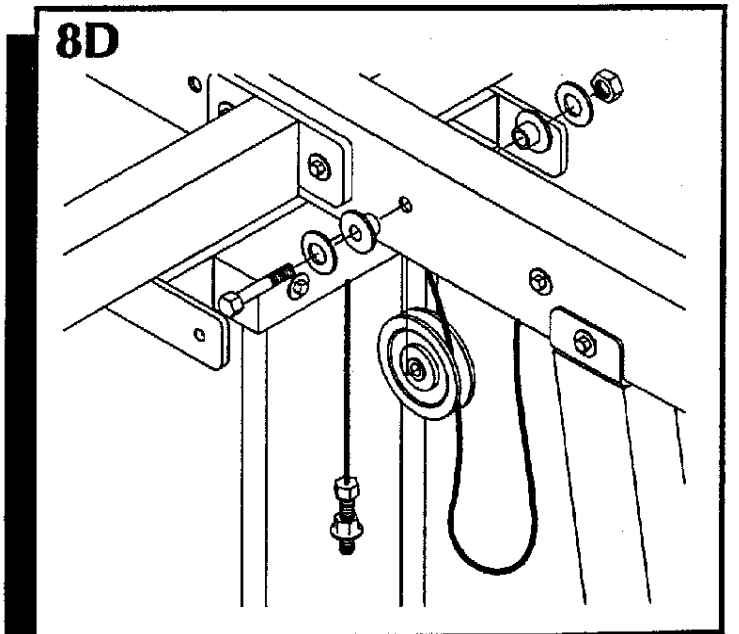
8C Insert flanged pulley spacers into the hole directly behind the Main Pulldown Upright. Install a 3 1/2" pulley into the slot with the cable running over the pulley using (1) 3/8 x 2 3/4 hex bolt (Wrench tighten)



8B Insert flanged pulley spacers into the second hole back in the Main Top Tube. Install a 3 1/2" pulley into the Main Top Tube so that the cable is running over the pulley using (1) 3/8 x 2 3/4 hex bolt. Install (1) 3/8 x 2 1/2 hex bolt into the front hole trapping the cable between the pulley and the bolt. (Wrench tighten both bolts)



8D Thread the cable up through the slot and down through the hole directly above the Weight Stack. Insert flanged pulley spacers into the Main Top Tube and install a 3 1/2" pulley as shown using (1) 3/8 x 2 3/4 hex bolt. Do not pull the slack out of the cable, the loop should remain between the pulleys. (Wrench tighten)

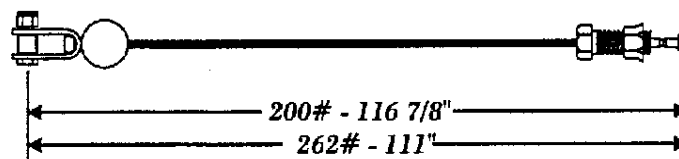
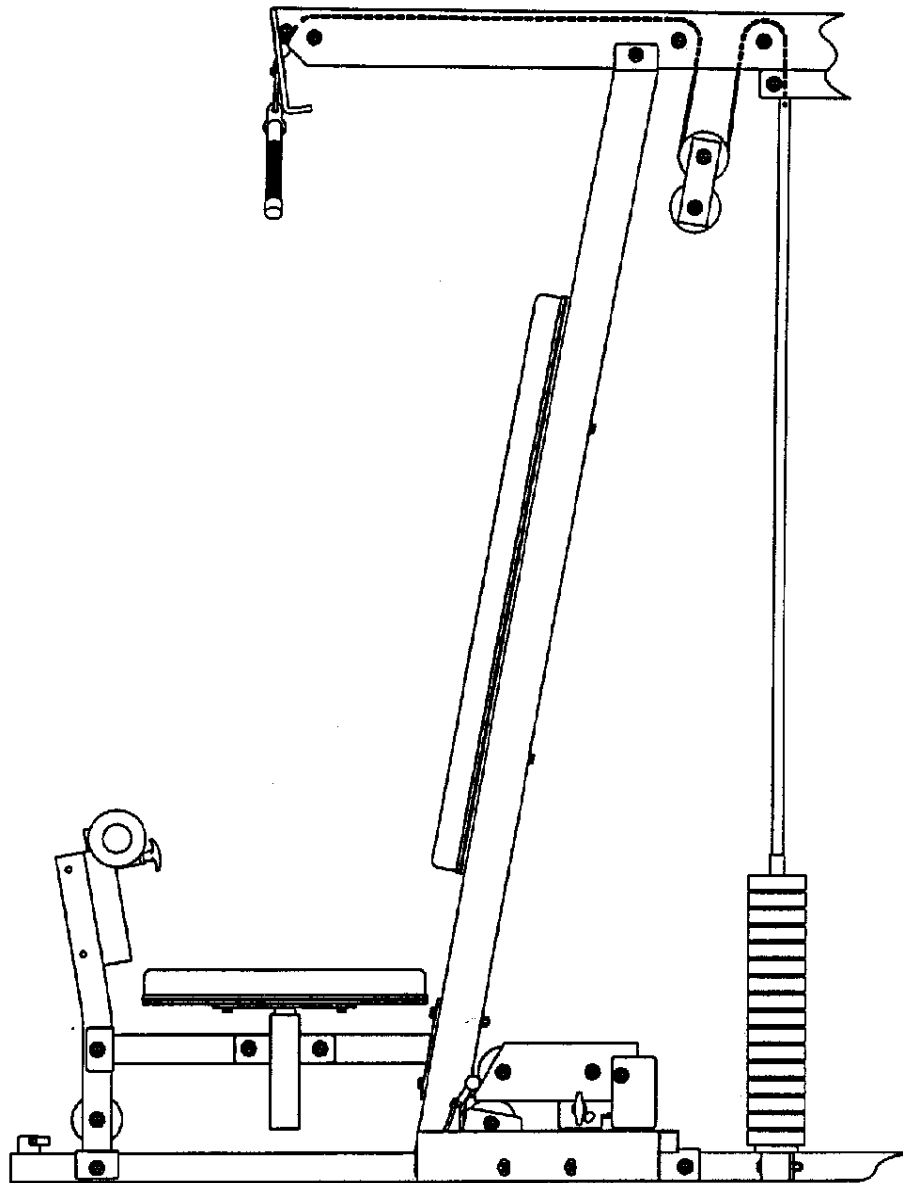


4600 Assembly

Step 8

Step 8

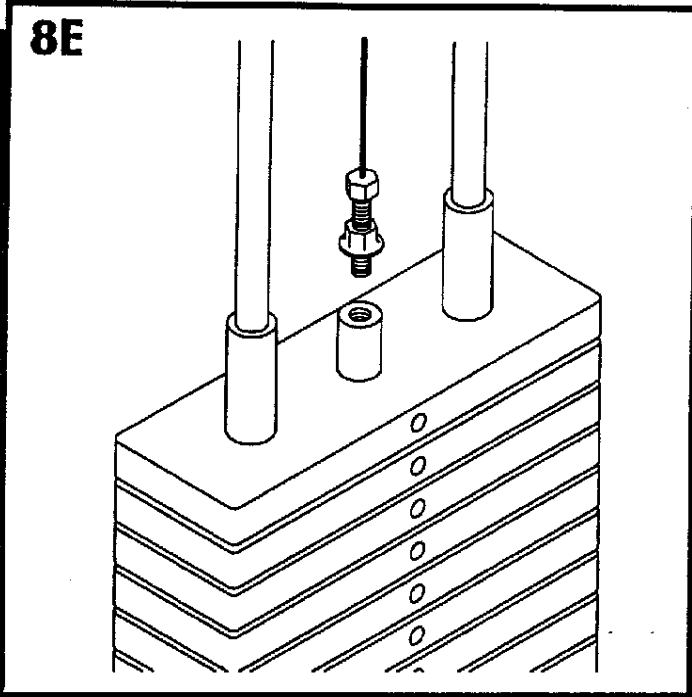
Cable Installation - Pulldown Weight Stack Cable (#2)

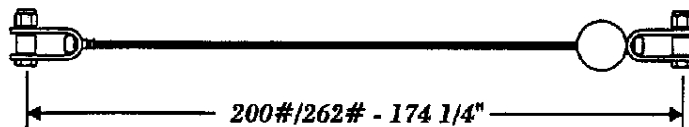
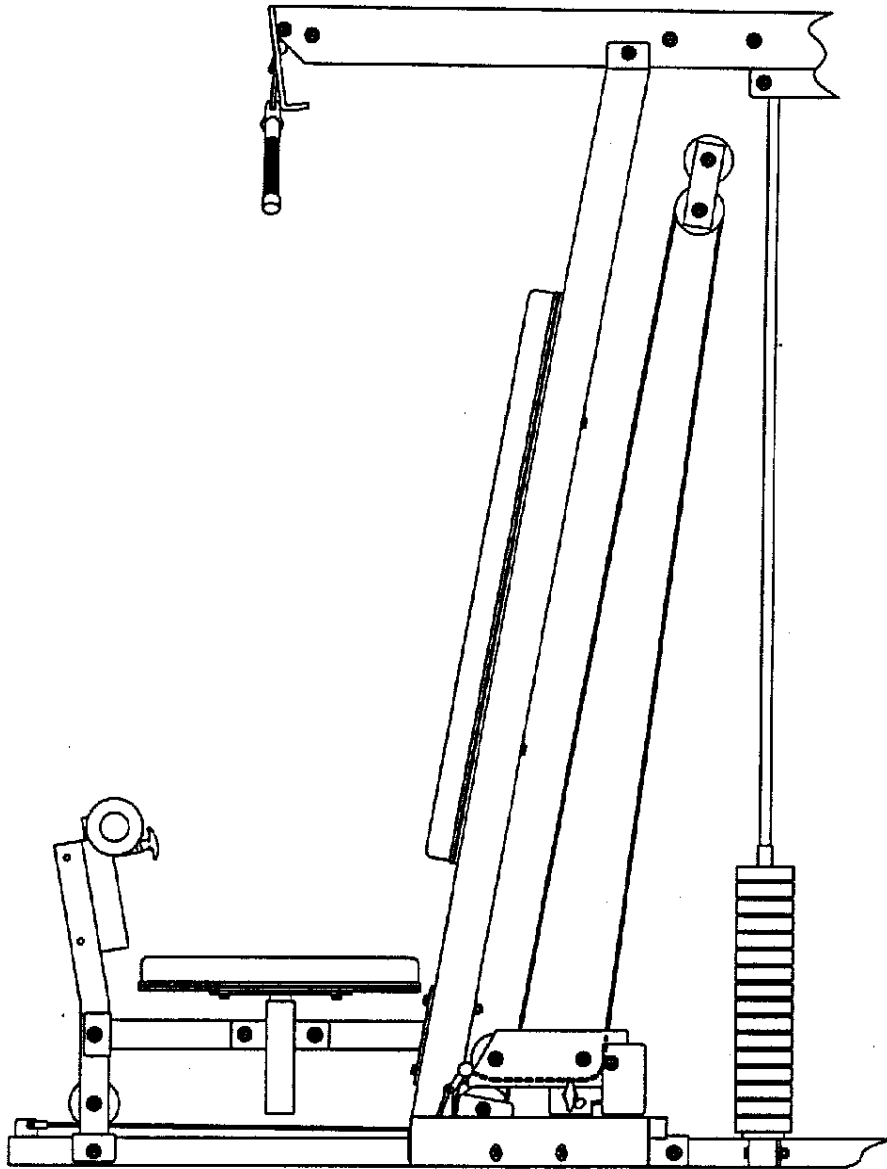


Pulldown Weight Stack Cable (#2)

4600 Assembly***Step 8***

8E Thread the bolt end of the cable (5) full turns or 1/2" into the Weight Stack Top Plate. (Wrench tighten jam nut)



4600 Assembly**Step 9****Step 9****Cable Installation - Pulldown Swivel Cable (#3)*****Pulldown Swivel Cable (#3)***

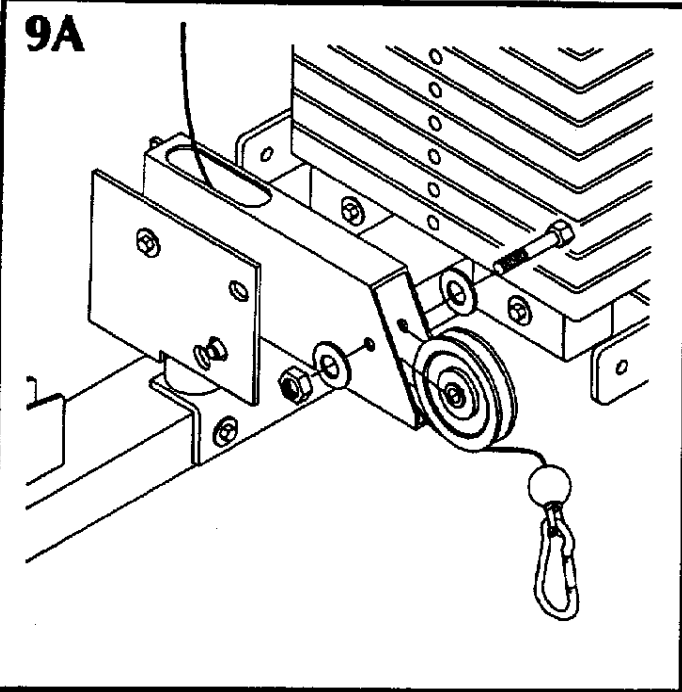
Step 9

4600 Assembly

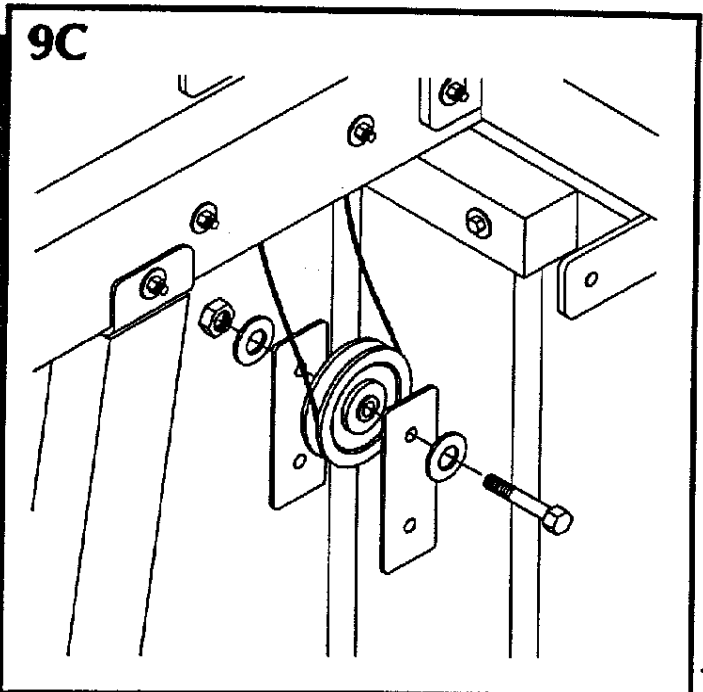
Step 9

Pulldown Swivel Cable - #3

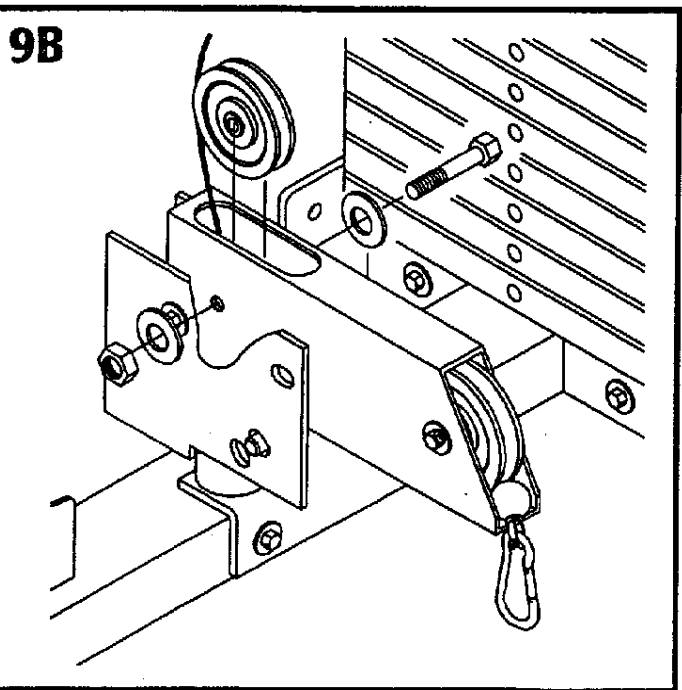
9A Thread the cable through the Adjustable Swivel Pulley Housing and install a 3 1/2" pulley as shown using (1) 3/8 x 2 hex bolt. (Wrench tighten)



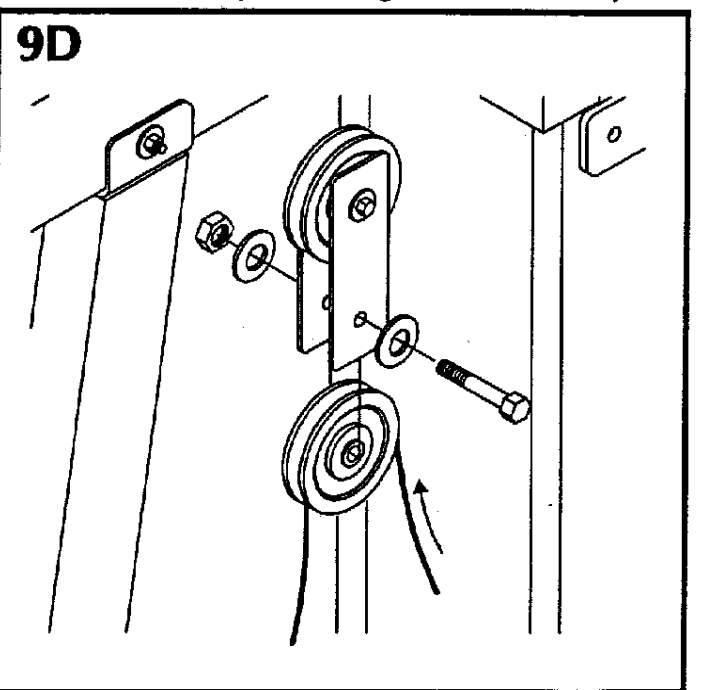
9C Set a 3 1/2" pulley onto the loop in the cable and attach the Double Floating Pulley Plates as shown using (1) 3/8 x 1 3/4 hex bolt. (Hand tighten only)



9B Adjust the swivel to the uppermost position and install a 3 1/2" pulley as shown using (1) 3/8 x 2 hex bolt. (Wrench tighten)

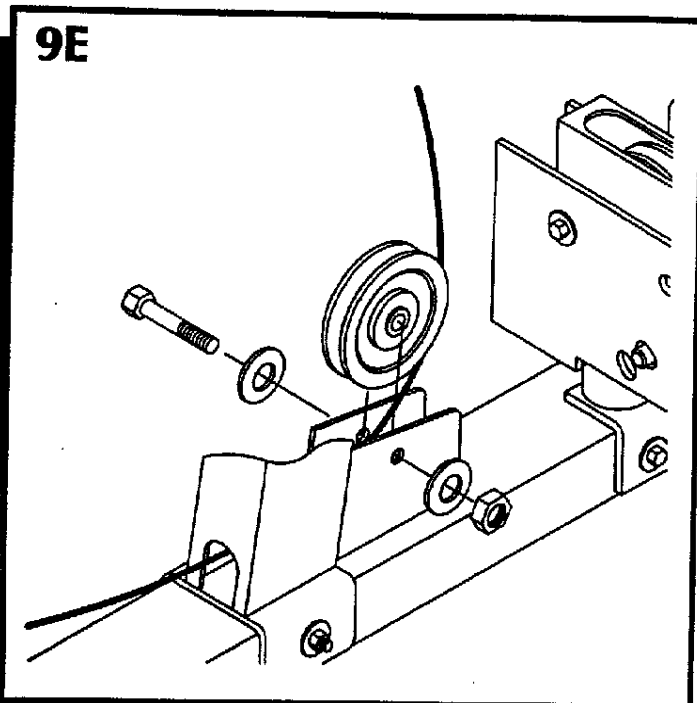


9D Thread the cable over a 3 1/2" pulley in the direction shown. Install the pulley between the Double Floating Pulley Brackets using (1) 3/8 x 1 3/4 hex bolt. (Wrench tighten Both bolts)

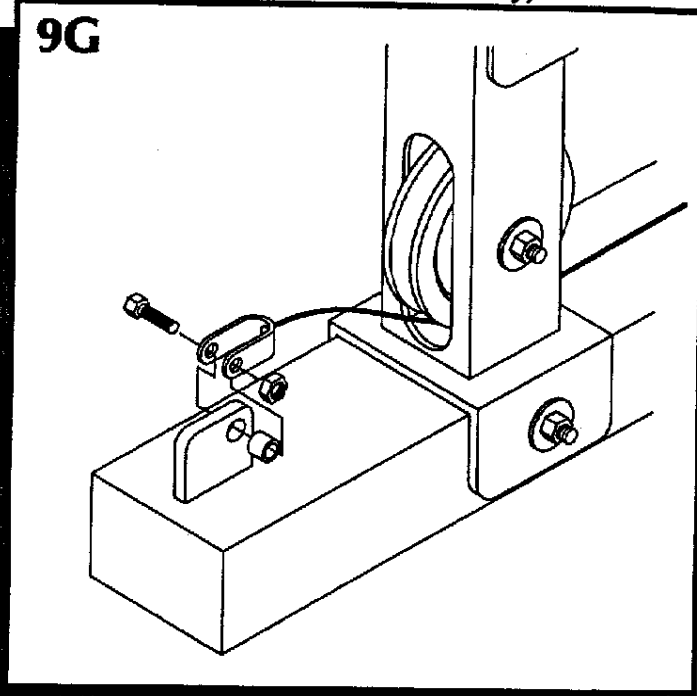


4600 Assembly**Step 9**

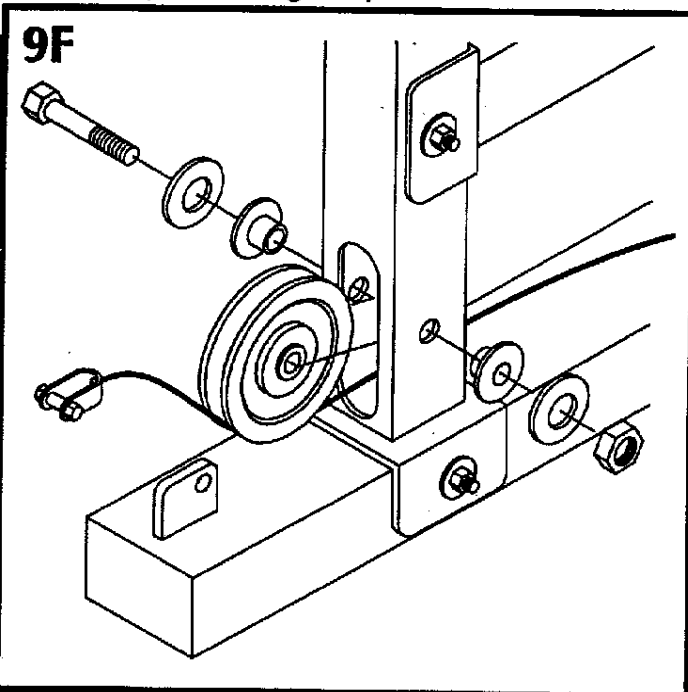
9E Thread the cable around a 3 1/2" pulley and through the Pulldown Main Upright as shown. Install the 3 1/2" pulley into the pulley ears on the Pulldown Base Tube using (1) 3/8 x 1 3/4 hex bolt. (Wrench tighten)



9G Attach the U-bracket on the end of the cable to the tab on the end of the Pulldown Base Tube by inserting the sleeve into the tab and using (1) 1/4 x 1 hex bolt Without washers. (Wrench tighten, being careful not to over tighten, U-bracket should turn freely)



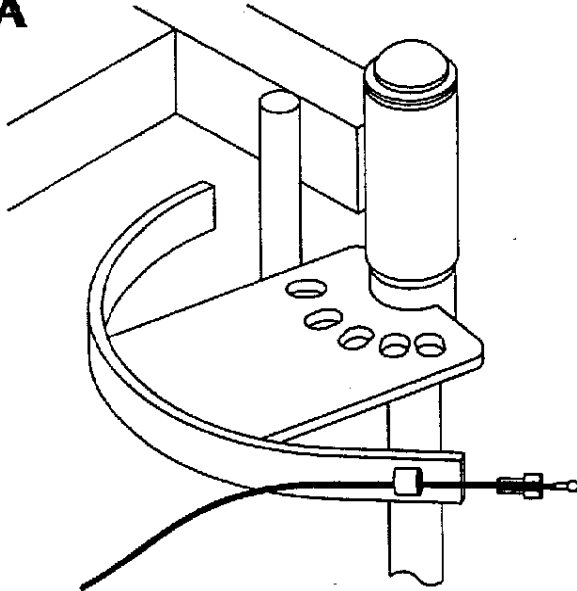
9F Thread the cable through the Pulldown Front Upright and under a 3 1/2" pulley. Install the pulley into the Pulldown Front Upright using (1) 3/8 x 2 3/4 hex bolt and (2) flanged pulley spacers. (Wrench tighten)



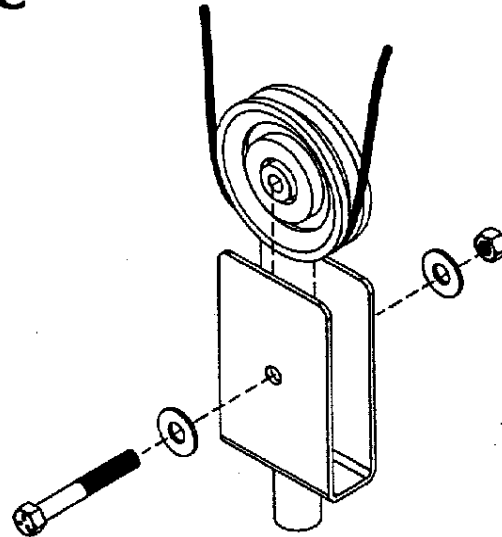
Step 10

Combo Pec Cable - #4

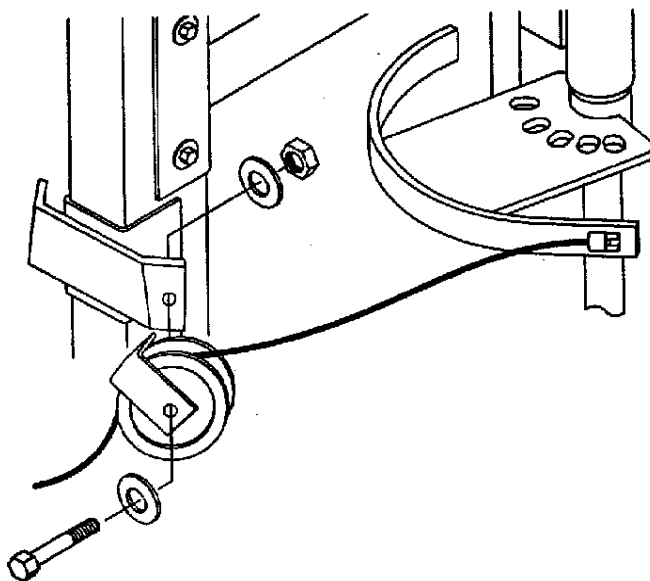
10A Thread the cable through the tube on the Pec Cam. Allow the cable to rest in the Quick Release Cable Lock. Pull the cable back through the tube so that the Quick Release Cable Lock is pulled back into the tube.

10A**10C**

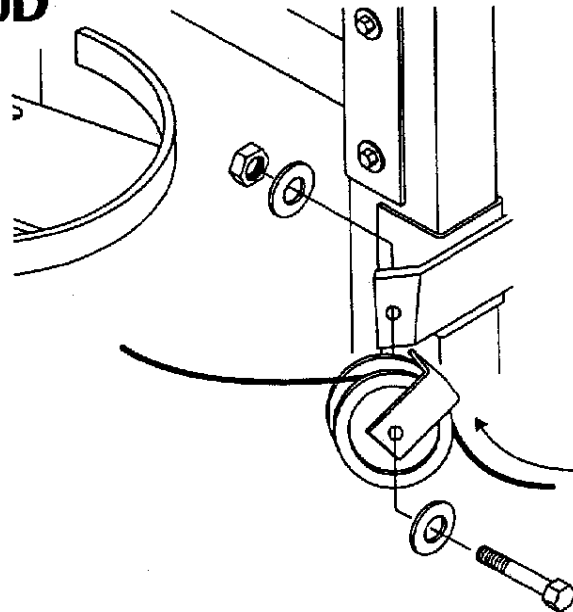
Thread the cable around a 3 1/2" pulley. Install the pulley into the Adjustable Floating Pulley Bracket using (1) 3/8 x 2 hex bolt. (Wrench tighten)

10C

10B Thread the cable over a 3 1/2" pulley. Install the pulley with a Single Sided Pulley Cover onto the right side of the Pec Pulley Mount using (1) 3/8 x 2 hex bolt. (Wrench tighten being sure that the pulley cover doesn't rub the cable)

10B**10D**

Repeat step 10B to install a 3 1/2" pulley onto the left side of the Pec Pulley Mount. (Wrench tighten)

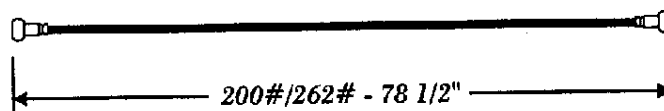
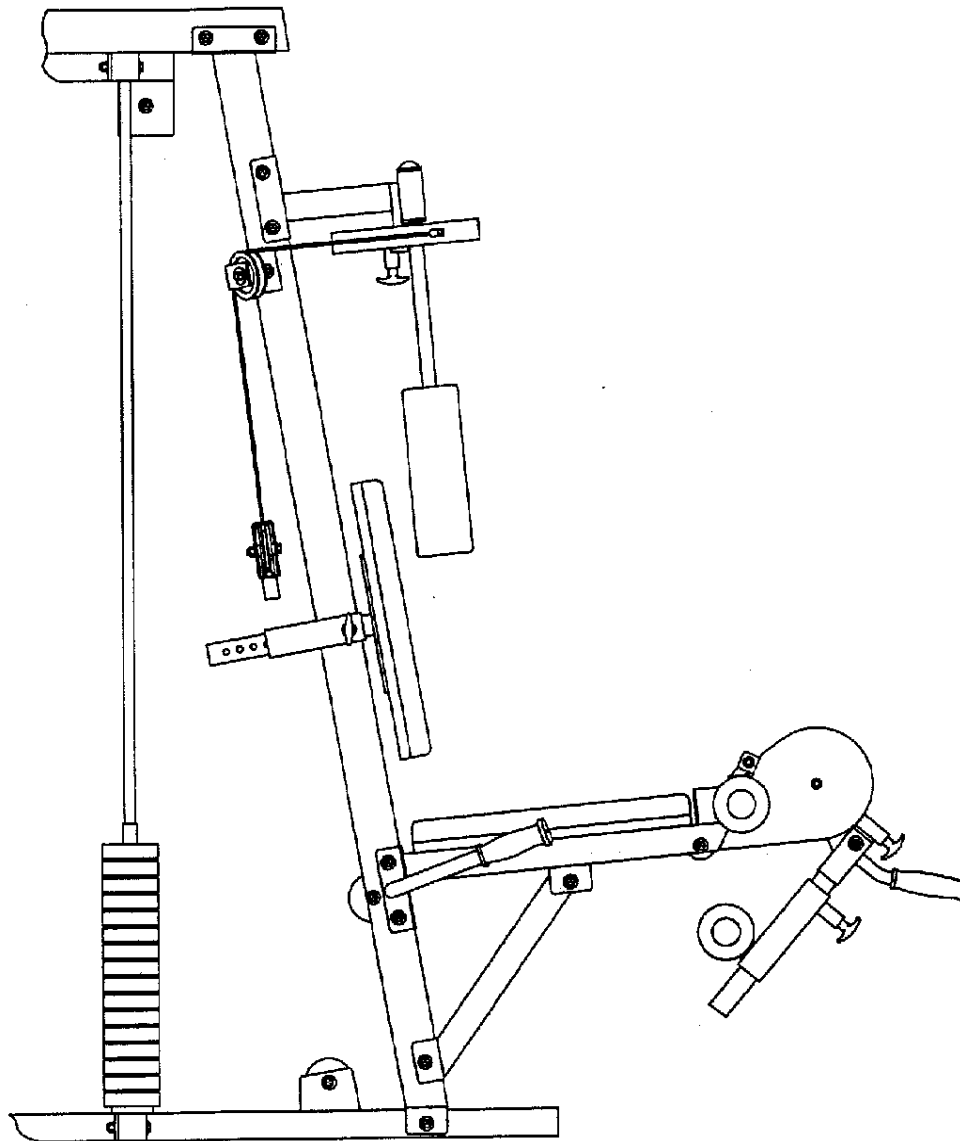
10D

4600 Assembly

Step 10

Step 10

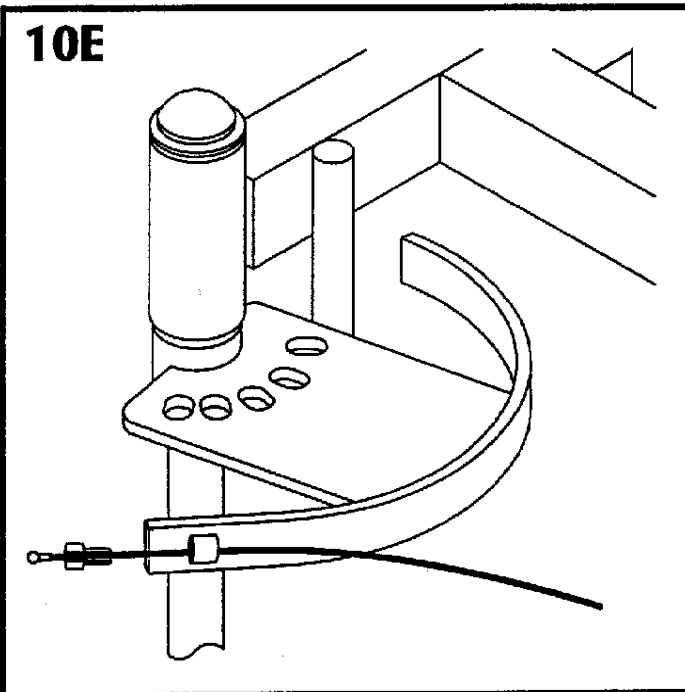
Cable Installation - Combo Pec Cable (#4)

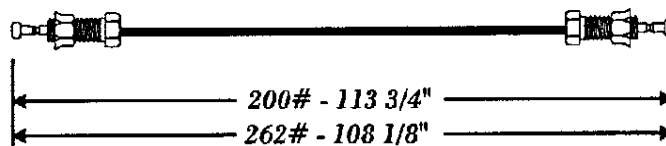
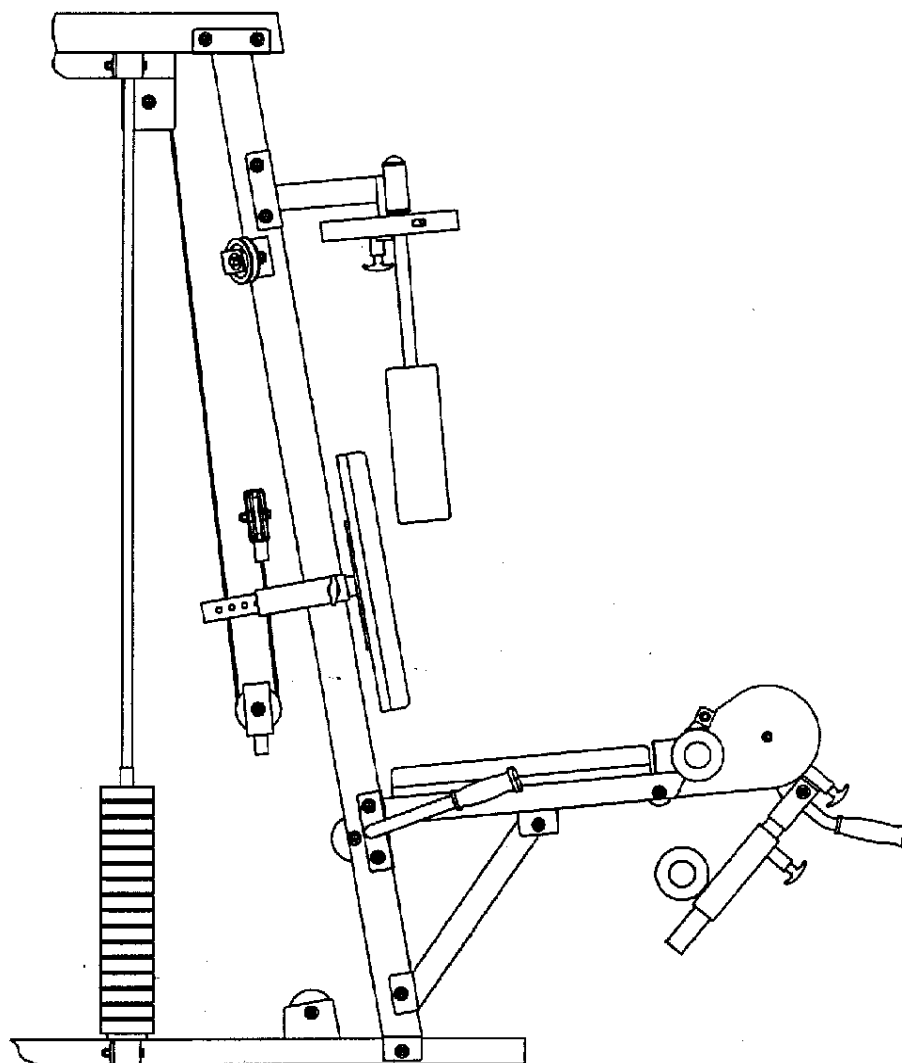


Combo Pec Cable (#4)

4600 Assembly**Step 10**

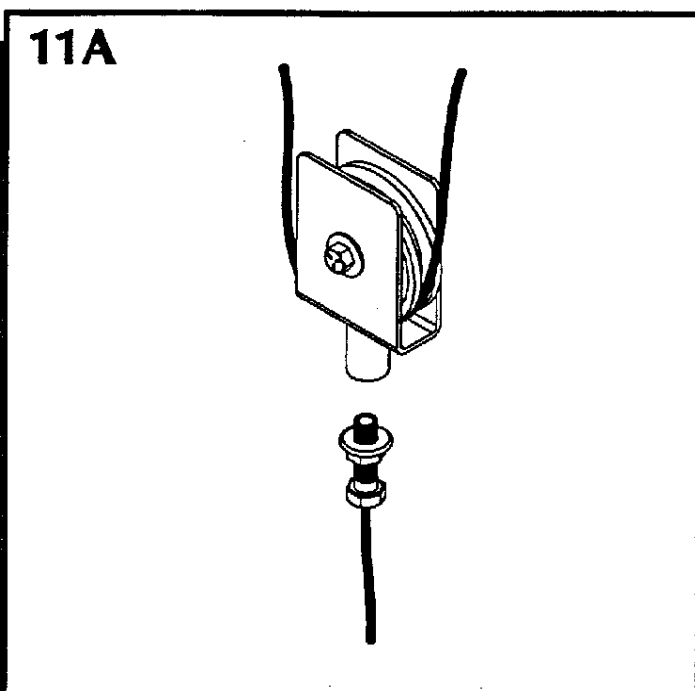
10E Repeat step 10A to attach the end of the cable to the left Pec Cam.



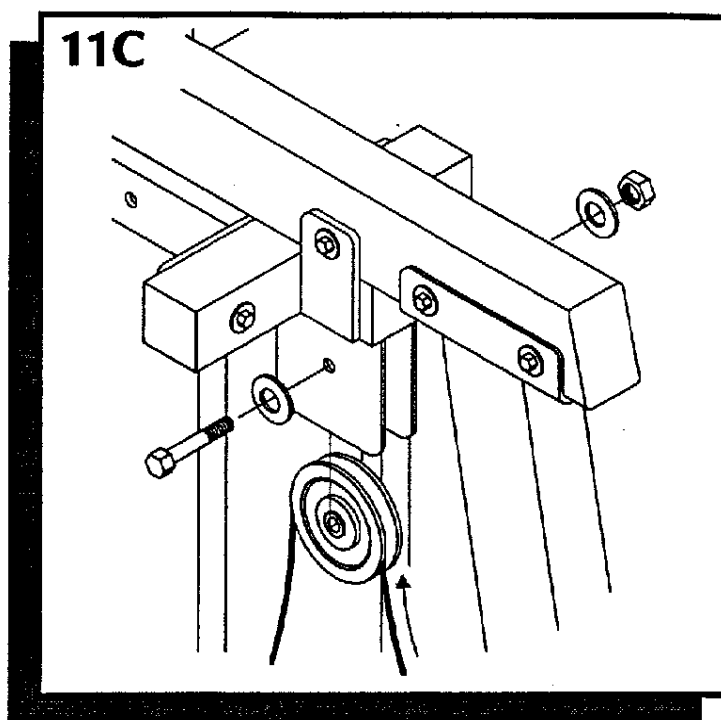
4600 Assembly**Step 11****Step 11****Cable Installation - Combo Weight Stack Cable (#5)****Combo Weight Stack Cable (#5)**

4600 Assembly**Step 11****Step 11****Combo Weight Stack Cable - #5**

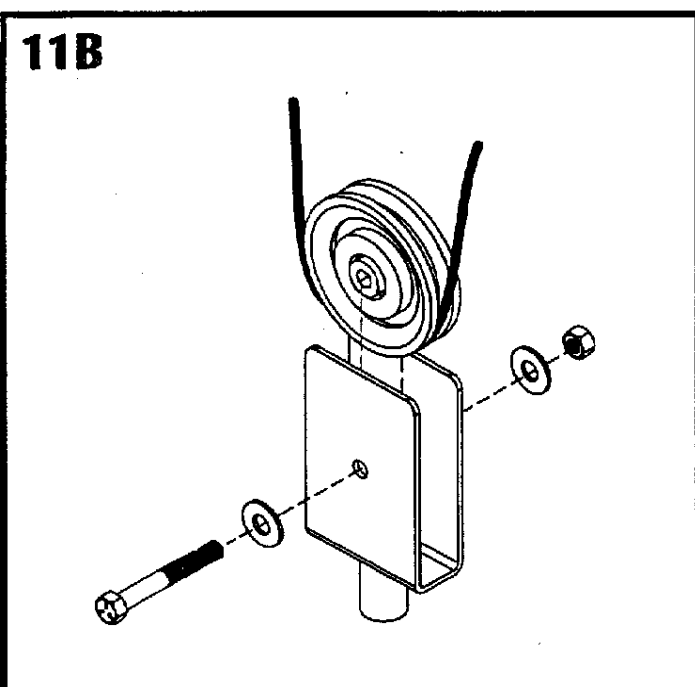
11A Thread the end of the cable into the Single Floating Pulley Bracket (5) full turns or 1/2". (Wrench tighten jam nut)



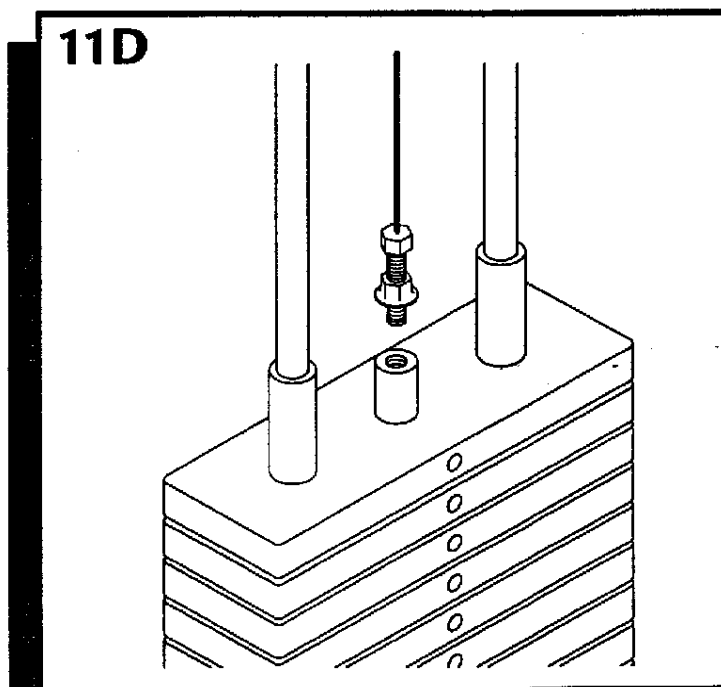
11C Thread the cable over a 3 1/2" pulley and install pulley into the pulley ears on the Combo Top Guide Rod Mount using (1) 3/8 x 1 3/4 hex bolt. (Wrench tighten)



11B To install floating pulley follow step 10C on page 21 in the Pec Cable section of this manual.



11D Thread the bolt end of the cable (5) full turns or 1/2" into the Weight Stack Top Plate. (Wrench tighten jam nut)

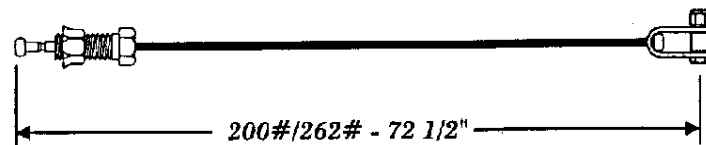
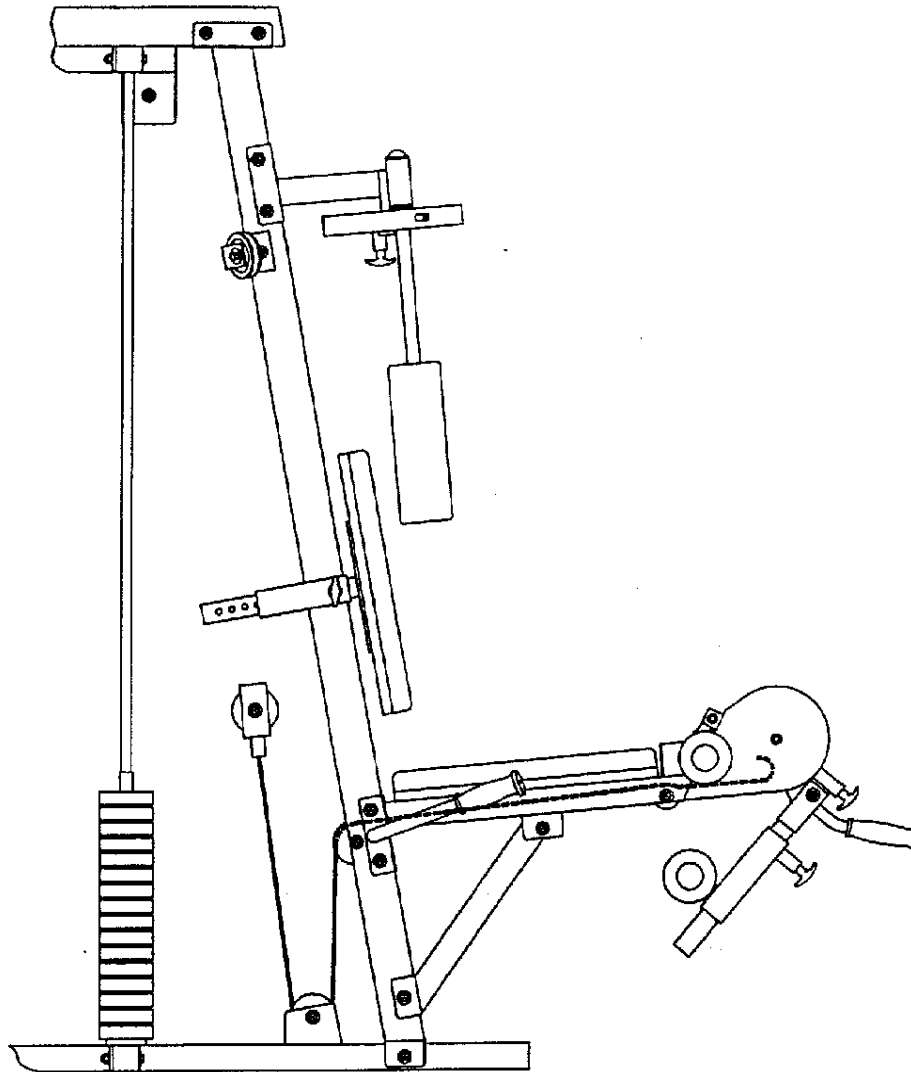


4600 Assembly

Step 12

Step 12

Cable Installation - Combo Leg Ext/Curl Cable (#6)

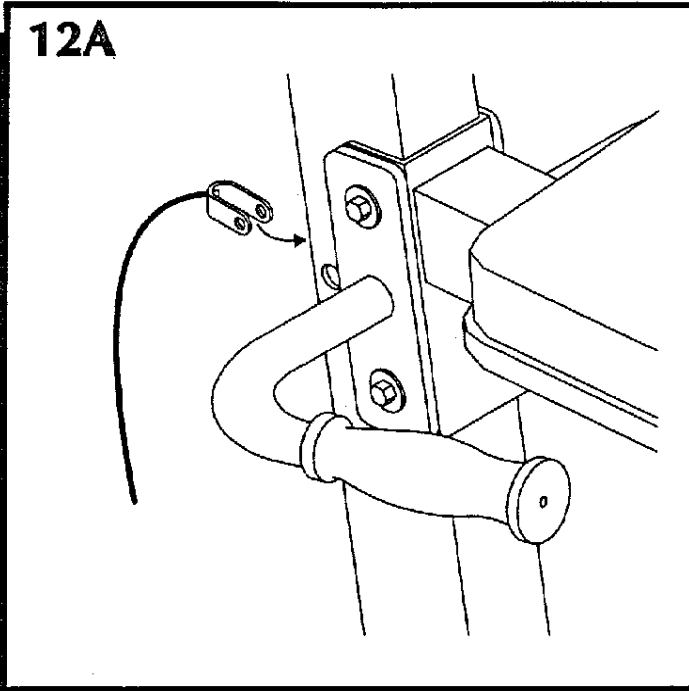


Combo Leg Ext/Curl Cable (#6)

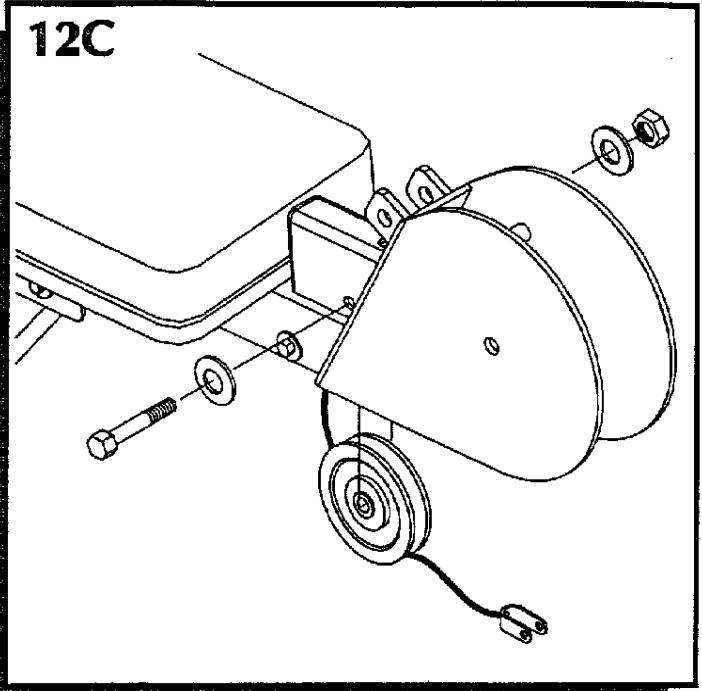
Step 12

Combo Leg Ext/Curl Cable - #6

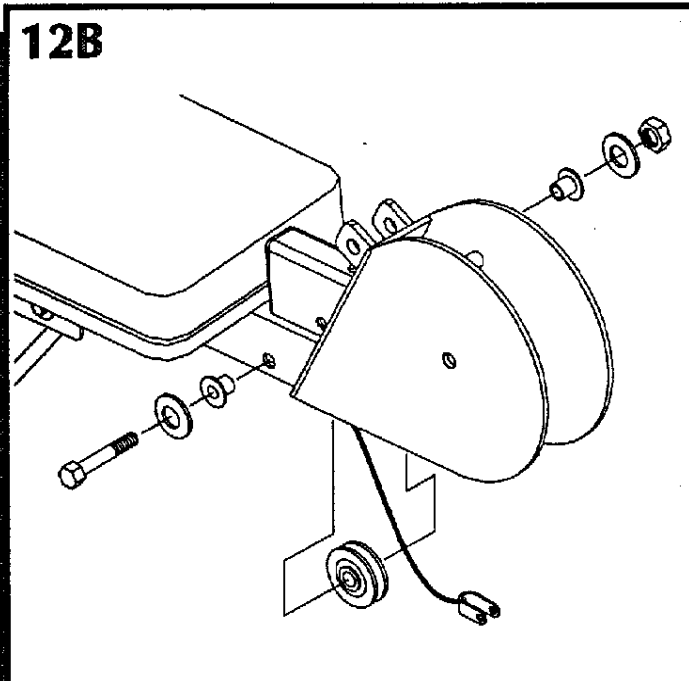
12A Thread the end of the cable completely through the Leg Pivot tubing.



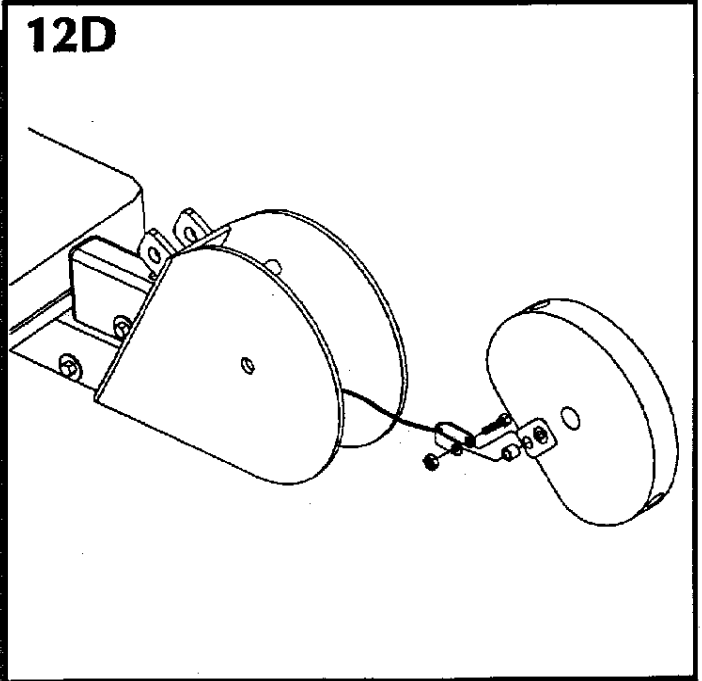
12C Install a 3 1/2" Pulley into the next hole forward in the Leg Pivot using (1) 3/8" x 2" hex bolt and (2) SAE Flatwasher I.E. Thinner and Smaller 3/8" Washer. Cable should run under the 3 1/2" Pulley. (Wrench tighten)



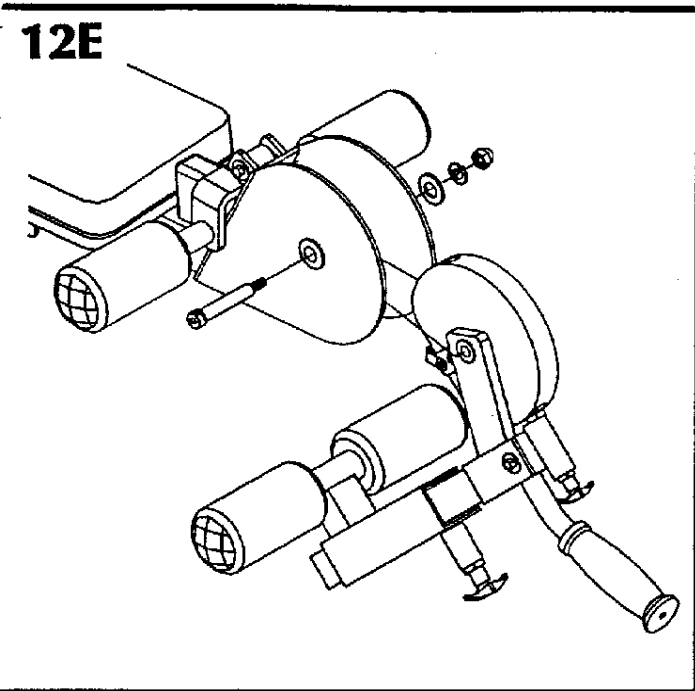
12B Install a 2" Pulley into the furthest hole back in the Leg Pivot using (2) Flanged Pulley spacers and (1) 3/8 x 2 3/4 hex bolt. Cable should run over 2" pulley. (Wrench tighten)



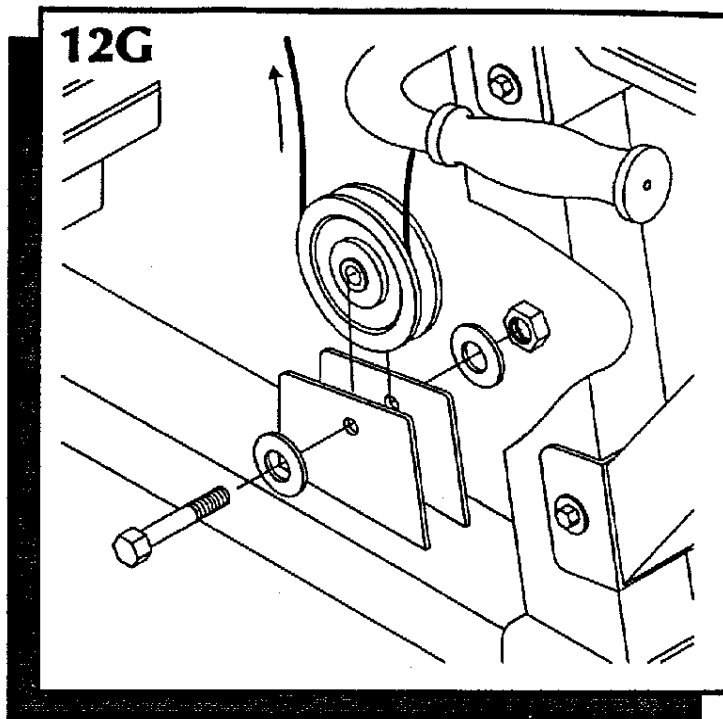
12D Attach the U-bracket on the end of the cable to the tab on the end of the Cam, inserting the sleeve into the tab and using (1) 1/4 x 1 hex bolt Without washers. (Wrench tighten, Do Not over tighten, U-bracket should turn freely)



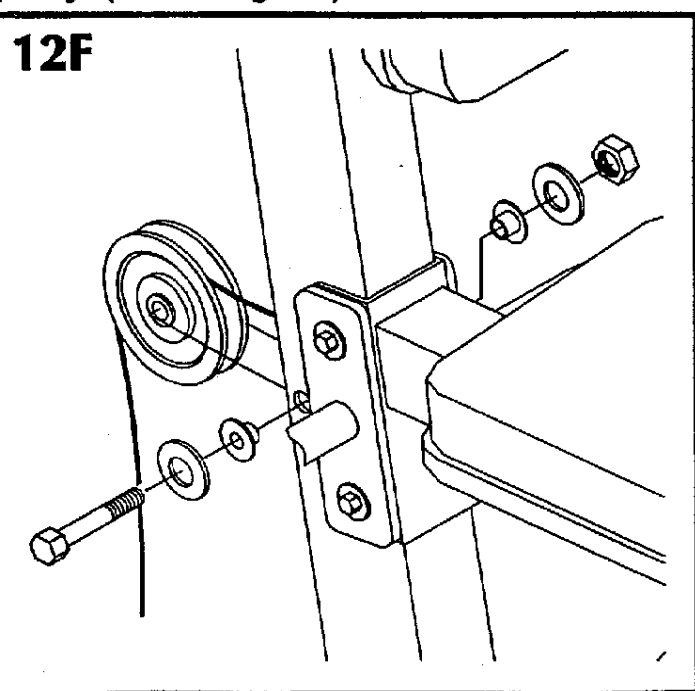
12E Attach the Leg Ext/Curl Arm to the Leg Pivot using (1) 1/2 x 3 1/4 shoulder bolt with (1) 3/8 Flat Washer, (1) 3/8 Lock Washer and (1) 3/8 Acorn Nut. (Wrench tighten, cam should turn freely)



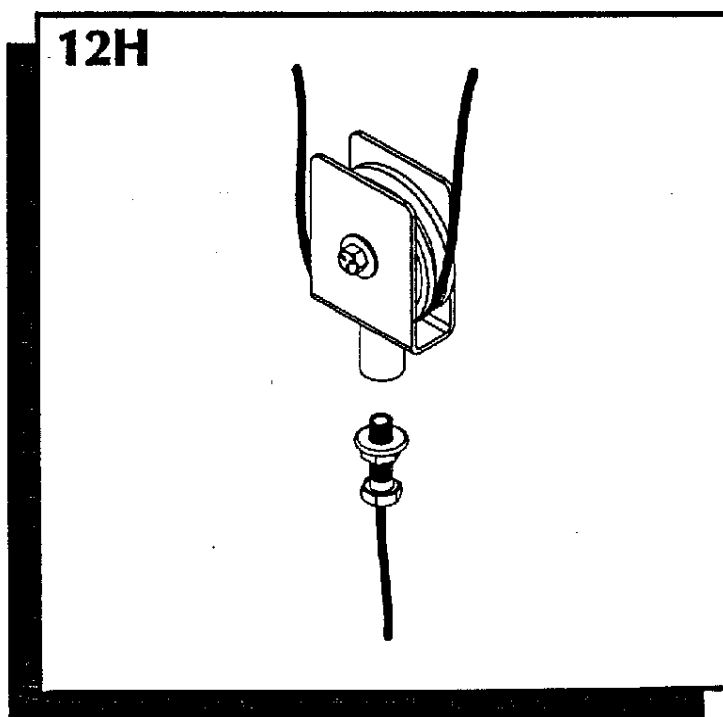
12G Thread the cable around a 3 1/2" pulley and install it into the pulley ears on the Combo Base Tube using (1) 3/8" x 1 3/4" hex bolt. (Wrench tighten)



12F Insert flanged pulley spacers into the Combo Main Upright. Install a 3 1/2" pulley into the Combo Main Upright slot using (1) 3/8 x 2 3/4" hex bolt. The cable should run over the pulley. (Wrench tighten)



12H Thread the bolt end of the cable into the Single Floating Pulley Bracket (5) full turns or 1/2". (Wrench tighten jam nut)



4600 **OWNERS MANUAL** **ADDENDUM**

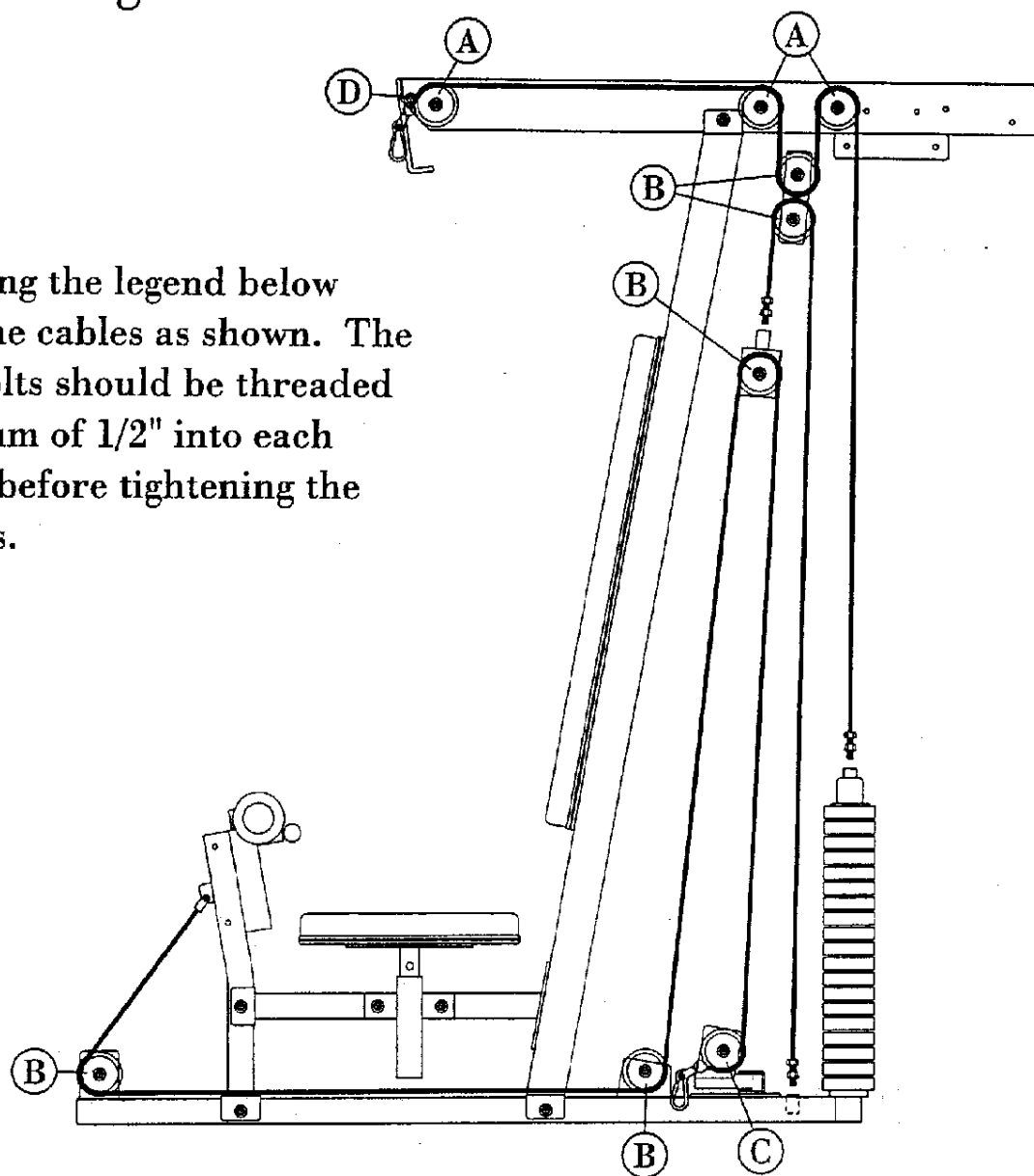
READ THIS FIRST!

**The Following Pages will Supercede
The 4600 Owners Manual**

NEW

Replaces Pages 4 & 5

Using the legend below thread the cables as shown. The Cable Bolts should be threaded a minimum of 1/2" into each receiver before tightening the Jam Nuts.



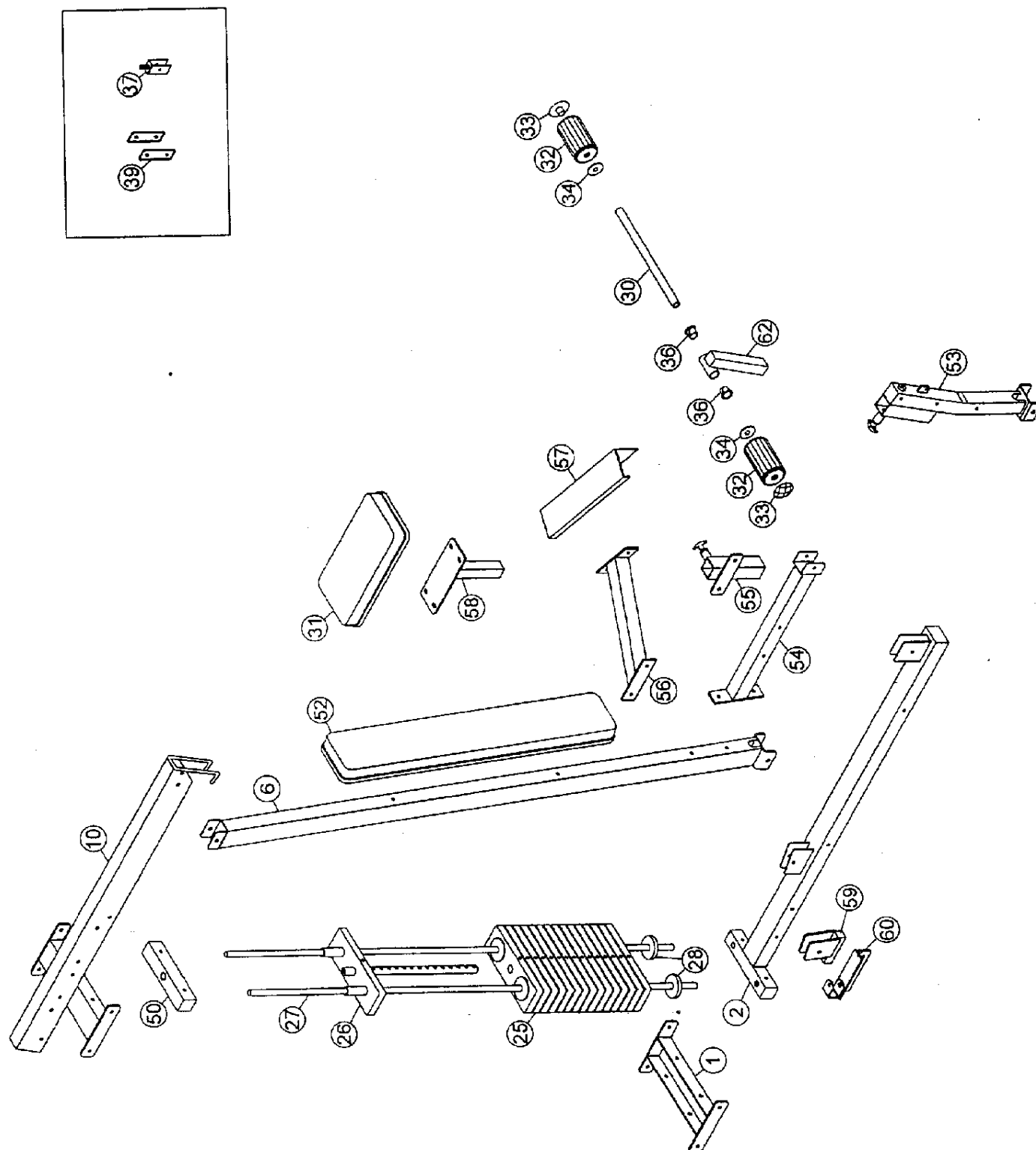
A - (1) 3/8 x 2 3/4" Hex Bolt, (2) 1/4" Flanged Pulley Spacers, (2) 3/8" Flat Washers, (1) 3/8" Lock Nut and (1) 3 1/2" Pulley.

B - (1) 3/8 x 1 3/4" Hex Bolt, (2) 3/8" Flat Washers, (1) 3/8" Lock Nut and (1) 3 1/2" Pulley.

C - (1) 3/8 x 2" Hex Bolt, (2) 3/8" Flat Washers, (1) 3/8" Lock Nut and (1) 3 1/2" Pulley.

D - (1) 3/8 x 2" Hex Bolt, (2) 3/8" Flat Washers, and (1) 3/8" Lock Nut.

New
Replaces Page 15



New Replaces Page 16

Pre-assembled Parts

